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1954 CATALOG

Orchids

Direct from Hawaii... Nature's Greenhouse

WM. KIRCH-ORCHIDS, LTD.

HONOLULU, HAWAII

KAUAI

OAHU

MOLOKAI

MAUI

HAWAII

Orchids—

Direct from Nature's Greenhouse
Hawaii—Land of Flowers

The marvelous response to our first illustrated catalogue issued last year has prompted us to try to make this one surpass it. We are pleased to present this copy to you.

We have tried to make the listings both attractive and readily understandable. Plants have been grouped in a manner to help you understand some of their characteristics. This is particularly true in the sections devoted to our famous strains of Dendrobiums and Vandas.

Except where otherwise specified, the figures which precede price quotations are in terms of pot sizes. Where the term "log" is used, it means an established plant growing on a section of Hawaiian tree fern.

All plants are quoted F.O.B. Honolulu: no charge is made for packing. Plants are shipped out of pots, either by air parcel post special delivery or by air freight as may be most economical depending on the size of the shipment. Air freight rates have been greatly reduced. We are now able to ship parcels by air freight to the Continental United States for a cost of from 41c to 80c per pound depending on the size and volume of the shipment involved. Air parcel post to the same region is a straight 80c per pound. Normal transportation costs to the United States usually are between ten and fifteen percent of the purchase price on orders of \$10.00 or more. Exceptions would be on orders of less than \$10.00 or where the order is made up of the lower priced plants of large size. Do not remit cost of transportation at time of order. We will send by air freight transportation collect or prepay air parcel post and bill you for the exact cost. See the inside back cover of this catalogue for discounts and other instructions for ordering.

All orders are serviced promptly. We try to ship within three days after receipt of an order. Many customers find it a source of much amazement to realize that an order placed with us is often serviced faster than one placed with a nurseryman in their own postal zone. We can and do deliver plants safely to any part of the world. We guarantee satisfaction.

Prices quoted are cash with order. We do not ship C.O.D.

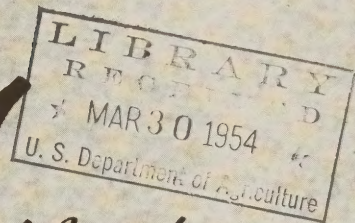
Wm. Kirch—Orchids, Ltd.

732 Kapahulu Avenue — Honolulu 16, Hawaii

(Owned and Operated by Seven of Hawaii's Leading Orchid Nurseries)
Hawaii's Largest Shippers of Quality Orchid Plants

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Let's Have a Talk About...

Children often sum up in a few simple words what we adults struggle in many words to say. One of my young sons used to sit on my lap before bedtime and say, "Dad, Let's have a Talk About!" No specific subject mentioned but meant to encompass his entire day's activities and the wonderings of his little mind. We would like to have a "Talk About" with you, our customers.

We can't thank you enough for your wonderful patronage. We shipped plants every day of the year in 1953 except on Sundays and Holidays. Many of you are now growing your first Hawaiian Orchid Plants. We know you like them from your letters. You have also indicated you like our service with speed and a Hawaiian smile. We are trying to step on the gas and broaden the smile. We want you to feel a real Aloha with each transaction.

What's new! We are offering for the first time this year some exceptional multicolored Cattleya crosses. Look these over carefully—particularly the yellows, Brassos, and the yellows with a fine lavender as the other parent.

Vandas. We have expanded our breeding—Lots of new combinations—many previously offered are now proven. We believe our offering to be most complete.

Dendrobs. Look long and hard at some of the new sections. The Dendrobium Schuleri crosses, our improved strains of dark hybrids. Truly a more wonderful list of these we have never seen. The birds and bees have been busy resulting in many new happy marriages.

EPIDENDRUMS. Careful selections have resulted in offering you many new named varieties. These are the results of years of work. Everyone should have some "Epis". No finer stock can be found.

Orchid Gardens. An attempt to stimulate your imagination to the end result of more pleasure from your plants. For those of you who can grow orchids outside a greenhouse some excellent buys are offered in our group selections.

Miniature Orchids. Rapidly gaining in popularity, we are now devoting a section to them. These little fellows offer great charm. We are sure they will give you a thrill.

What size to buy? This is a frequently-asked question. It is hard to answer. All of our plants are very sturdy. Our exposure of them to full sun gives you a plant

much harder than a glasshouse grown subject. Let's put it this way. If you live a long way off where air transportation is the highest, smaller plants are your best buy. We particularly recommend community pots to 3". Those of you who live in the United States and are a small grower we think your best buy in seedlings is 3" - 4" pot size. Those of you who are living in the sunset of life and can't wait for the little fellows to grow up select mature plants. Those of you who want only the finest write us for a special quotation on selected varieties. There is a best buy for everyone. If you don't know what it is, write and tell us your problems. We will offer our best advice by return mail.

Wm. Kirch—Orchids, Ltd., has a cooperative nature. Owned and operated by seven independent nurseries we have to be cooperative to exist. Our head growers meet regularly to discuss growing and breeding objectives, and to arrange interloan of fine stud plants. This cooperation assures you of the best results from our combined knowledge. We believe we are unique in the orchid world in that our entire operation is predicated on growing better orchid plants for the amateur grower. Everything we do has as a primary objective the production of more and more interesting plants for you to enjoy and exhibit to your full satisfaction.

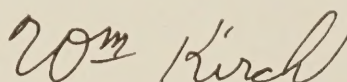
Programs. We have developed some interesting program material for group presentation. There is no cost for the programs and we invite you to write to us for details and scheduling. Get a group together and enjoy a Hawaiian night.

Integrity. We are proud of our right to claim use of this word. We are human and we do make mistakes. We also correct them just as fast as we can when you tell us. Anything that you don't like about our plants or our service we want to hear about it. We guarantee satisfaction.

Price. Our prices are neither the highest nor the lowest to be found in this world. They are based on what we consider to be a fair return on the investment of the grower. We have no quarrel with those who sell for more or less. They know the value of their stock. We know the value of ours and strive to give it to you at the best price we can and still make a profit. We make every effort possible to continually lower our costs of production and service.

Bed Time. It is time to close these heterogeneous thoughts. Everyone here at Wm. Kirch—Orchids, Ltd., is devoted to serving you. If we can be of assistance please write us. In the true Hawaiian spirit of friendship may we thank you and wish all of you a sincere

ALOHA,

A handwritten signature in dark ink, reading "Wm Kirch". The signature is written in a cursive, flowing style.

WM. KIRCH, President



Angraecum Sesquepetale x Eburneum
(Typifies the Angraecum group)



No. 25—*Arachnanthe Moschifera*



Aerides Fieldingii
(Parent of #11)

LISTING OF STOCK

ACAMPE

Epiphytes similar in growth to Vandas. Do well in either intermediate or warm house. Flowers last well, and as a botanical are quite attractive.

- 1—*Longifolia* (Burma)—Yellow, barred red. 7" 7.50
Season, late fall. 8" 10.00

ARANDA

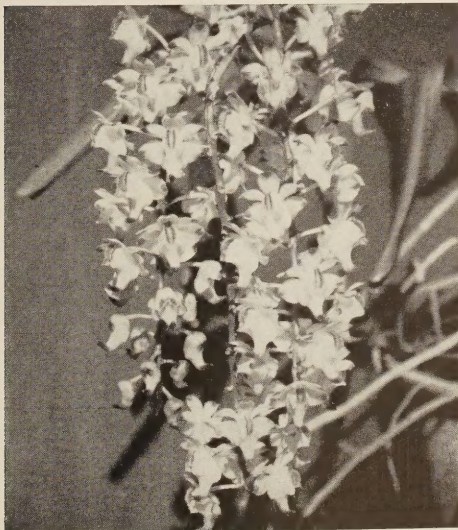
Hybrids between *Arachnis* and *Vanda*. Growth much like a *Renanthera*. Large spikes of beautiful flowers of heavy texture and long lasting quality. Do well in the warm house or outside in the tropics.

- 2—*Hilda Gallistan* (*A. Hookeriana* x *V. Suavis*)—Cream to yellow, orange spots. Free flowering. Flowering size 10.00
3—*Punctata* (*A. Moschifera* x *V. Dearei*)—Warm red-brown, barred tan. Very lovely. Flowering size 10.00
4—*Daniel Sato* (*V. Emily Motley* x *A. Moschifera*)—Green to yellow, heavily spotted with red. Excellent texture. Flowering size 10.00

AERIDES

A most handsome genus. Erect stems with thick, fleshy roots at intervals. Plants grow well in baskets or pots half filled with crock or charcoal topped with rough osmunda or tree fern. Intermediate to warm house; 50% shade outside in tropics.

- 5—*Falcatum* (Burma)—Summer. 12 to 18" spikes. Creamy white, crimson tipped. 7-8" 7.50-10.00
6—*Multiflorum* (Burma)—Spring. Flowers deep rose; branching spikes. 6" 10.00
7—*Lawrenciae* (Mindanao)—Autumn. One of the best in the genus. Large cream-white flowers, tipped magenta. 4" 7.50 5-6" 10.00 7" 15.00
8—*Odoratum* (Cochin China)—Early summer. Many flowered racemes. Creamy white, shaded pale magenta; fragrant. 7-8" 7.50-10.00



No. 7—*Aerides Lawrenciae*

- 9—*Quinquenvulnerum* (Philippines)—July and August. Exceptionally free flowering; white, tipped rosy purple.

6-7" 7.50-10.00

- 10—*Virens* (Java)—Spring. Long drooping racemes. Peach color, spotted purple. 6" 7.50

- 11—*Lawrenciae* x *Fieldingii*—A new hybrid between the two finest flowers in the genus. Should flower more than once a year.

3" 4.00 4" 7.50 5" 10.00
6" 12.50 7" 15.00 8" 17.50

AERIDOVANDA

Hybrids between *Aerides* and *Vanda*. Culture the same as for Vandas.

- 12—*Mundayi* (*A. Vandarum* x *V. Teres Alba*)—Terete growth; pure white to pale pink.

12-18" stem cutting ea. 2.50

- 13—*Tsuruko Iwasaki* (*V. Sanderiana* x *A. Lawrenciae*)—One of the best, white with pink spotting; spatulate growth. 1½" 1.50 2" 3.00

- 14—*Emma Gomez* (*AV. Mundayi* x *V. Teres Andersonii*)—Large dark pink; free flowering; terete growth.

4" 4.50 5" 7.50 6" 10.00

- 15—*REN. Monachica* x *A. Crassifolium*—A new generic combination. Should produce large sprays. Flowers orange-pink; spatulate growth. 2" 3.00

- 16—*V. Tatzeri* x *A. Crassifolium*—A fine new *Aeridovanda*. Large rose-pink flowers; spatulate growth. 2" 3.00

- 17—*V. Ellen Noa* x *A. Quinquenvulnerum*—A new spatulate. Large cream to white flowers, spotted pink. 2" 3.00
3" 5.00

- 18—*A. Crassifolium* x *V. Cooperii*—Terete foliage. Large flower, lavender color, free flowering.

8-12" stem cuttings ea. 5.00

- 19—*V. Gilbert Triboulet* x *A. Crassifolium*—Spatulate growth. Deep color, blue to lavender pink. 2" 2.50

- 20—*A. Odoratum* x *V. Boschii*—Spatulate growth. Cream-white with deep pink spotting. 1½" 1.50

ANGRAECUM

A beautiful Vandaceous genus from Africa. Flowers are curiously shaped, usually white to ivory. Culture as for Vandas or *Aerides*.

- 21—*Eburneum* (Mascarene Islands)—Long spikes of star-shaped green and white flowers. A handsome specimen. Summer and fall.

3" 5.00 5" 10.00 7" 15.00

- 22—*Infundibulare* (Uganda)—A very pretty summer-flowering species. Green-white flowers solitary opposite the leaves. 5" 15.00

- 23—*Sesquepetale* (Madagascar)—Spring. Large 6" flowers; ivory-white with an 8-12" spur on the lip. Considered one of the finest species in the orchid family.

Flowering size 12.50 and 17.50

ARACHNANTHE

A Vandaceous genus from India and Asia. The flowers resemble a giant insect; is called the Scorpion Orchid. Grows best in the warm house or in full sun in tropical gardens. Flowers of heavy texture and long lasting.

- 24—*Floss-Aeries*—The brown scorpion. Large flowers, red-brown in color. 6-7" 10.00

ARACHNANTHE (Cont'd)

25—*Moschifera*—Dark green with chocolate markings. A strong musk scent when in flower. Very bizarre. 6-7" 10.00

26—*V. Herziana* x *A. Moschifera*—A bigeneric hybrid with *Arachnanthe* and *Vanda*. Should produce a blue scorpion. 3" 5.00 4" 8.50 5" 12.50

27—*Aranthera Rainbow* (*A. Moschifera* x *REN. Storiei*)—Reds, purples; a rainbow of colors in the scorpion shape. 2" 2.50 3" 5.00 4" 8.50

28—*V. Mem. T. Iwasaki* x *A. Moschifera*—Shades of green to yellow with darker spotting. Scorpion shape. 5" 12.50 6" 15.00 7" 17.50

29—*V. Ellen Noa* x *A. Moschifera*—This should produce a very fine large flower; color deep tan-red to yellow-brown. Exceptional texture. 1½" 1.50 2" 3.00

BIFRENARIA

Intermediate house orchids, allied to *Lycaste* and requiring similar culture.

30—*Harrisoniana* (Brazil)—Flowers 3"; creamy white to purple flush. Flowering size 7.50

BRASSAVOLA

Epiphytes closely allied to *Cattleyas* and *Laelia*. Of easy culture. Grow as you would *Cattleyas* but give more light.

31—*Digbyana* (Honduras)—April to May. Large solitary green-white flowers. Huge fringed lip. The most outstanding species and becoming very rare. The grandfather of most modern hybrid Brassos. 4" 15.00 5" 20.00

32—*Glaucia* (Mexico)—Spring. Flowers singly on short stems. Pure white with magenta eyes in the throat. Heavy texture. Flowering size on logs 7.50



No. 31—*Brassavola Digbyana*

33—*Nodosa* (Central America)—Autumn. Called "Lady of the Night." Lovely star white flowers, fragrant at night; terete foliage; likes lots of light.

Flowering size on logs 2.50-3.50

33A—*Perrinii* (Brazil)—Very similar to *B. Nodosa*. Terete foliage. Flowers better shaped and present a neater appearance. Flowering size on logs 7.50

HYBRID BRASSOS

Generic combinations containing *Brassovola*, *Cattleya*, *Laelia*, and occasionally *Sophranitis*. These constitute some of the most outstanding exhibition type orchids noted for their large size, wonderful colors, and the huge labellum.

34—*BC. S. M. Damon* (*C. Mrs. E. Roebers* x *B. Digbyana*)—Lovely chartreuse and lemon yellow. Exceedingly large lip. 5-6" 25.00

35—*BLC. J. K. Lilly* x *LC. Sam Houston* var. *Brilliance*—Excellent potential. Both parents of superb quality. Lavender color. Season, fall and winter. 1½" 2.00

36—*BLC. Kanca* (*BC. Montalvo* x *LC. Waromas*)—Some very fine things are appearing in this cross. Excellent shape. Warm lavender color. Winter and spring. 3" 4.00 4" 7.50

37—*BLC. Helen Suda* (*BLC. J. K. Lilly* x *BC. Hartland* var. *Courageous*)—Dark color, excellent shape. The best of these are blue ribbon stock. Winter and spring. 3" 4.00 4" 7.50

38—*C. Marguerite Coll* x *B. Digbyana*—Pale pastel to white with a huge fringed lip. Winter. 2" 2.50

39—*BC. Seafoam* var. *Snow Sheen* x *C. Concinnity*—A speculative cross. Both parents white. Hope for a fine white Brasso of good shape and texture. 2" 2.00 3" 4.00

40—*BC. Daffodil* x *C. Gregorio* Yellow var.—Deep butter yellow of exceptional texture. Flowers small to medium. Winter season. 2" 3.00 3" 5.00 4" 8.50 5" 12.50

41—*C. Furnace* var. *Majestic* x *BC. Diadem* Lavender var.—A very dark lavender of brilliant color, good size, and fine texture. 2" 3.50 3" 5.00

42—*BC. Diadem Alba* (*B. Digbyana* x *C. Eleanore*)—A very large white with a beautifully fringed lip. 5" 15.00

43—*BLC. Nanette Alba* x *Self*—A number of these have flowered. Equally good to the original strain. Some pure white; others with touch of lavender in the lip. Very large. 2" 3.00 3" 5.00 3½" 7.50

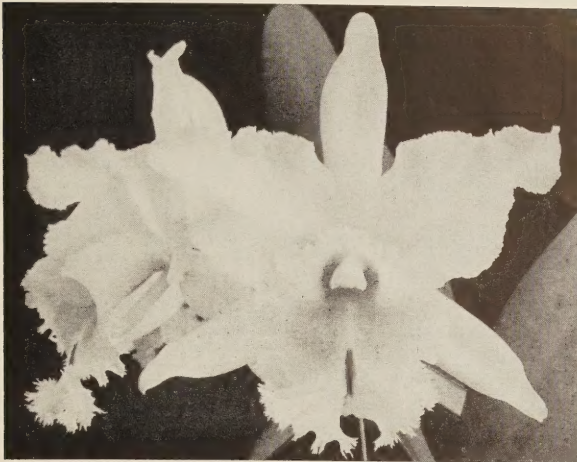
44—*BLC. Nanette Alba* (*BLC. Everest* x *C. Annette*)—Top selections from the original strain that we have propagated. No better stock can be found. 5" 35.00 6" 45.00

45—*BLC. Nanette* x *C. Edithiae*—Pale pastel. Very heavy texture. Large size. Winter season. 2" 3.50 3" 6.00

46—*BLC. Blanche Okamoto* (*LC. Canberra Stonehurst* var. *BLC. Nanette Alba*)—Some wonderful things are flowering in this cross. Salmon to peach-yellow to chartreuse. Excellent shape and texture. 3" 7.50 4" 12.50

47—*BLC. Palikea* (*C. Gladys Tsukamoto* x *BLC. Nanette Alba*)—A variable cross, some pure white, others pastel. Good texture and shape. 4" 7.50

48—*C. Mescalero Alba* x *BLC. Nanette Alba*—A large Brasso. White with a purple lip. Some forms pure white. Good shape. 3" 4.00 3½" 7.50 4" 10.00

Nos. 43 and 44—*Brassolaeliocattleya Nanette Alba*

49—BLC. Mem. Thelma Yee (LC. Locarno x BC. Estelle)—An exceptionally well shaped Brasso. Lavender, darker lip. 3½" 7.50

50—LC. Aphrodite x BLC. Llewellyn—Deep red-bronze lavender of heavy texture, large size. Some splashed petals. 1½" 1.50
2" 2.50

51—C. Estelle Alba x BLC. Nanette Alba—Pale pastel to some pure white. Excellent shape. 3" 5.00 3½" 8.50 4" 12.50

52—C. Enid Alba McBeans var. x BLC Nanette Alba—A very fine cross; some are nearly pure white, others with touch of lavender in the lip. Heavy texture. 2" 2.50 3½" 7.50
3" 4.00 4" 10.00

53—C. Tityus x BC. Goliath—A very large Brasso of fine lavender color. 3" 3.50
3½" 6.00

54—BC. Appleblossom x LC. Fagham—Hard to predict. Apple-blossom is just that color. Fagham, a deep orange-yellow. Yellows and lavender bronze resulting. 3" 5.00

55—BLC. Lighthouse x LC. Mygdon—White to ivory-cream with dark purple lip. Very wide petals. 1½" 1.50 3" 5.00
2" 2.50 4" 8.50

56—BC. Costes x BLC. Nanette Alba—White to pale yellow with a purple lip. Exceptional size of flower. 3" 5.00

57—C. Enid x BC. Liliuckalani—A large lavender Brasso of exceptional texture. Should have fine shape. 1½" 1.50 3" 5.00
2" 2.50 4" 10.00

58—LC. Gold Flake x BC. Olna—A deep yellow-orange crossed with a large white Brasso. Fine texture. 2" 3.00
3" 5.00

59—BLC. Ruth (LC. S. J. Bracey x BLC. Nanette Alba)—A fine new hybrid in unusual colors; yellows, salmon, apricot. Good size, shape, and texture. 3" 5.00
1½" 2.00 3½" 7.50
2" 3.50

60—BC. Akebono x (LC. Canada var. Ruth x SLC. Ramona var. Anita)—Deep red-lavender Potinara. Good size and fine shape. 1½" 1.50
2" 3.00

61—(LC. Massasoit x C. Hardyana) x BC. Moneta—Medium lavender to dark in color. Very large flower. 3½" 4.00
4" 5.00

62—BLC. Dorothy Heller (C. Bicolor x BLC. Samoset)—Terrific texture with most unusual colors. Bronze to yellow. 3" 5.00
4" 8.00

63—BC. Princess Margaret (BC. Speciosa x C. Heatherwood)—A very fine proven Brasso. Rosy mauve; excellent shape. 5-6" 25.00

64—BC. Cajolery (BC. Pervenusta x C. Fabia Westonbirt var.)—A deep bronze mauve. Excellent shape and large size. 5" 25.00

65—BLC. Queen Alexander (LC. Hasallii Alba x B. Digbyana)—A huge white, flushed lightly on the reserve of the sepals and petals. A most spectacular orchid for exhibition. 5-6" 30.00

66—BC. Juliette Cooke x LC. Babylon A.M.-R.H.S.—A new hybrid of fine promise. Bright lavender sepals and petals with rich royal purple lip. Excellent shape. 2" 3.50
3" 6.00

67—BLC. Dawn Angela x LC. Cuesta—Better parents would be hard to find. Both parents famous exhibition plants. Lavender with deep colored lip. 2" 3.50
3" 6.00

68—C. Hardyana Alba x BLC. Nanette Alba—The Hardyana parent is one of the most spectacular albas we have seen. Raised in Hawaii by selling a fine imported plant, it is tops. Crossed with Nanette it should produce a super Alba Brasso. 1½" 2.50
2" 3.50

69—(C. Edithae x LC. Hasallii Alba) x B. Digbyana—A white Brasso of fine size with a huge lip. 4" 10.00

70—LC. La Liberty x BLC. Samoset—Most unusual colors in shades of yellow to bronze. Good. 4" 12.50

71—BLC. Samoset x C. Velutina—An unusual cross that should produce some entirely new color combinations in the bronze-yellow shades. 3" 6.50

72—SLC. Rainbow Hill x BLC. Parade—A Potinara of very great promise. Yellow to red-bronze. 3" 7.50
4" 12.50

No. 46—*Brassolaeliocattleya Blanche Okamoto*

HYBRID BRASSOS (Cont'd)

- 73—BC. *Heatonensis* x BC. *Montalvo*—A combination of two very large Brassos. Pale pastel lavender with a huge lip.
3" 4.00
4" 7.50
- 74—C. *Hesperus* x BC. *Corrientes*—A deep lavender Brasso. Excellent shape and very free flowering.
3" 4.00
3½" 6.50
- 75—BLC. *Llewellyn* x BC. *Dolinda*—A new yellow cross. Deep color and excellent size.
1½" 2.00
2" 3.00
- 76—C. *Jicarillo* x BLC. *Llewellyn*—One of the darkest lavenders crossed to a dark yellow. Intense color of lavender-bronze should result.
1½" 2.00
2" 3.00
- 77—BLC. *Takami Kodama* (LC *Lady May* x BC. *Juliette Cooke*)—Named for the founder of one of our nurseries, this is a fine thing. Excellent shape; a fine lavender exhibition hybrid.
1½" 2.00 2" 3.50 2½" 4.50
- 78—LC. *Balkis* fine var. x BC. *Liliuokalani*—Excellent parentage. A lavender Brasso of deep color and fine shape.
2" 3.50
- 79—SLC. *Hermes-Ramona* x BLC. *J. K. Lilly*—The SLC. parent should add intense color. *J. K. Lilly* has perfection of shape. A happy combination.
2" 3.50
3" 5.00
- 80—BLC. *Jaffre* x LC. *Mrs. Medo*—Another fine yellow cross. Both parents are tops in their sections. Deep yellow with purple lip.
1½" 2.00
2" 3.00
- 81—BLC. *Normans Bay* var. *Splendor* x LC. *Windermere* var. *Clovelly A.M.-R.H.S.*—A combination of two of the most famous lovely exhibition plants known. Deep lavender color. Perfection of shape.
1½" 3.50
- 82—BC. *Princess Patricia F.C.C.-R.H.S.* x LC. *Balkis* var. *Superba*—Another powerful combination of famous parents. Lavender; top quality exhibition type.
1½" 2.50 2" 3.50 2½" 5.00
- 83—C. *Trianae* Mrs. *Dixon* x BLC. *Nanette Alba*—The *Trianae* is a proven parent giving its progeny exceptional shape. Crossed to *Nanette*, the result should be a fine white Brasso.
1½" 3.00
- 84—LC. *Pasto* x BLC. *J. K. Lilly* var. *Ishii*—A very highly colored LC. crossed with the finely shaped *J. K. Lilly*. Should produce some fine lavenders.
1½" 1.50
- 85—BC. *British Queen* x C. *Brussels*—A free flowering white with purple lip. Large size.
4" 10.00
- 86—BC. *Fred Hills* (BC. *Digbyana-Schroderae* x C. *Trianae*)—A heavy producing flower of white with the faintest lavender flush. Excellent amateur subject.
5" 15.00
- 87—BC. *Moneta* (BC. *Madam Charles Maron* x C. *Gaskelliana*)—A very large flower which we have used most successfully many times as a parent. Light pastel lavender.
5" 17.50
- 88—BC. *Albion* (BC. *Thorntonii* x C. *Trianae*)—One of the best Brassos for the amateur. Grows like grass and has terrific flower production. Lavender color.
5" 12.50
- 89—BC. *Appleblossom* (BC. *Heatonensis* x C. *Alcimedea*)—A very large Brasso that is just the color described by its name. A most attractive flower.
5" 17.50
- 90—C. *Prince Shimadzu* x BC. *Heatherwood*—Cream colored sepals and petals spotted with purple, dark lavender lip. Good size and shape.
5" 20.00
- 91—C. *Suzanne Hye Alba* x BC. *Leemanae*—A very large flowered Brasso. Lavender with a huge fringed lip.
6" 20.00
- 92—(LC. *Walter Jewell* x St. *Gothard*) x BLC. *Samoset*—Both parents fine yellows. Expect a deep yellow with dark purple lip.
1½" 2.00

- 93—BC. *Montalvo* (BC. *British Queen* x C. *Santa Monica*)—Large pastel lavenders of immense size, good shape and texture.
5" 15.00
- 94—BLC. *Bellatoney* (BLC. *Bella* x C. *Stoneyware*)—Rose lavender with a deep purple royal lip; good shape.
5" 15.00
- 95—BLC. *Kenneth Tanaka* (BLC. *Bella* x C. *Dowiana Aurea*)—A very similar cross to #94. Both are excellent amateur subjects.
5" 15.00
- 96—BC. *Corrientes* var. *Superba* (BC. *Ilene* x C. *Hardyana*)—Green-yellow sepals and petals with yellow-flushed lavender lip. A fine thing.
5" 35.00
- 97—BC. *Dr. Wilmer* var. *Ruby* (BC. *Dr. MacDonald* x C. *Prince Shimadzu*)—A very dark lavender overall. Excellent shape and texture for a Brasso.
5" 35.00
- 98—BC. *Ruby* (BC. *Leemanae* x C. *Labiata*)—A warm rose-lavender with a very large lip.
5" 15.00
- 99—BC. *Agnes McGann* (BC. *Princess Patricia* x C. *Tityus*)—A fine amateur subject. Nice shape, good grower, lavender-rose color.
5" 15.00
- 100—BC. *Admiral Jellicoe* (BC. *Digbyana-Mossiae* x C. *Lord Rothschild*)—An old favorite and a good one to start with. Lavender-rose in color.
5" 10.00
- 101—BC. *Idole Alba* (BC. *Madam Charles Maron* x C. *Empress Frederick*)—A very lovely shaped flower of cream-white. A large frilled lip.
5" 20.00
- 102—BLC. *J. K. Lilly* (BC. *The Globe* x C. *Titymoma*)—Light colored sepals and petals with a darker lip. Excellent shape.
5" 25.00
- 103—BC. *Caister* (BC. *Apollo* x C. *Trianae*)—A very large flower of unusual lavender pastel color. Flowers in early fall when Brassos are scarce.
5" 20.00
- 104—BLC. *Wake Island* var. *The Queen* x C. *Tityus W'Birt Var.*—An exceptionally fine exhibition type hybrid. Very heavy texture; good lavender color.
3" 7.50 4" 12.50 5" 25.00
- 105—BLC. *Chief Joseph* x LC. *Myophelea*—Salmon-yellow to bronze-yellow; very good texture; medium size.
3" 7.50 4" 12.50
- 106—BLC. *Mary Damon* (BLC. *Llewellyn* x C. *Triumphans*)—Chartreuse to yellow; large size with a big lip.
5" 20.00
- 107—BC. *Queen Emma* (BC. *Sonia* x C. *Suzanne Hye Alba*)—A pure white Brasso with a green throat. Good.
5" 25.00

BRASSAVOLA NODOSA HYBRIDS

These are unique Brassos and, for novelty, are unsurpassed. Flowers like a giant *Nodosa* but in various colors. Foliage is terete like the *Nodosa* parent. Visitors to our nurseries never fail to appreciate these charming novelties.

- 108—BC. *Makai* (C. *Bowringiana* x B. *Nodosa*)—Lavender, spotted white in the lip. Free flowering.
Young division on logs 4.00 ea.
- 109—BC. *Nanipuukea* (C. *Hardyana Alba* x B. *Nodosa*)—White like a B. *Nodosa* but about three times as large.
Flowering size on logs 10.00
4-5" 10.00
- 110—B. *Nodosa* x C. *Bicolor*—One of the loveliest. Deep chartreuse sepals and petals, cream-white lip. 4-5" 10.00
- 111—B. *Nodosa* x C. *Dowiana Aurea*—Similar to #105 except the flowers are a cream-yellow in color. 4-5" 10.00
- 112—BC. *Lindleyana* (B. *Tuberculata* x C. *Intermedia*)—A charming natural hybrid of tremendous freedom of flowering. Bifoliate terete growth. Flowers white, heavily spotted with purple.
4" 7.50

BRASSIA

Closely allied to *Oncidiums*, often called the spider orchids. Grow in the intermediate house. Give ample water when growing; drier when dormant, but not as dry as *Oncidiums*.

113—Longissima (Costa Rica)—Late spring. Orange-straw yellow. Exceptionally long sepals and petals.

Flowering size logs 7.50

114—Verucosa (Guatemala)—Spring. Long spikes, 1-2 feet. Flowers large. Greenish, spotted deep purple.

Flowering size logs 7.50

CATTELEYA—SPECIES

Cattleya species and hybrids are among the showiest of all orchids. They are the popular florist flower. They should be grown in intermediate to warm house. The species require ample water when in growth, but much less when dormant. They are among the easiest of all orchids to grow. Potting should usually be done just after the plant has flowered. Osmunda fibre is the preferred potting material although they do equally well in Hawaiian tree fern or on logs.

115—Aurantiaca (Guatemala)—Summer. Flowers 3". Clear orange, in heads to 6 to 10 flowers. Flowering size 7.50

116—Chocoensis (Oaxaca)—Fall and winter. Flowers 4-6". Blush white to pale lavender. Flowering size logs 3.50

117—Deckerii (Panama)—Flowers 3" in heads of ten or more flowers. Lavender-pink. Fall flowering.

Flowering size logs 5.00

118 Gigas Alba Rochellensis x Gigas Alba Firmin Lambeau—A cross between two of the rarest *Cattleya* species in existence. Both are beautiful pure whites. Firmin Lambeau is such a hard thing to predict as a parent we cannot guarantee pure whites. However, they should be white. Very rare and limited in quantity.

1½" 3.00

2" 5.00

119—Intermedia (Brazil)—April to May. Light lavender, flushed deeper rose. Flowers about 4".

Flowering size logs 3.50

120—Mossiae var. Wagneri (La Guayra)—The pure white form of *Mossiae*. The parent of most of the famous winter white *Cattleyas*.

4" 15.00



Cattleya Gigas Alba var. Firmin Lambeau F.C.C.-R.H.S.
(Parent of No. 118)



No. 121—Cattleya Skinneri Alba

121—Skinneri Alba (Costa Rica)—A very rare form of this lovely little bifoliate *Cattleya*. Large heads of snow white flowers in the spring. Very rare.

4" 25.00

121A—Superba (Essequibo)—One of the darkest of all the *Cattleya* species. Deep lustrous purple. Heavy texture.

Near flowering size logs 10.00

122—Trianae var. Mrs. Dixon—A lovely rare form of this fine species. Pure white sepals and petals of wide proportions; lavender lip.

5" 35.00

123—Trianae var. Mooreana F.C.C.-R.H.S.—A very famous species. Lavender with dark splashed petals and deep lavender lip.

5" 35.00

CATTELEYA—HYBRIDS

While most of the modern *Cattleya* hybrids contain either *Laelia* or *Brassovola*, a few containing the straight species are still made. These consist for the most part of the alba or pure white forms. They want more water than the species as they do not have such a prolonged rest period. The pure white forms also require a little less light.

124—Estelle Alba (Cowaniae x Edithiae)—A very fine, highly productive winter white. Good shape and texture. A favorite for fine winter cut flowers.

4" 10.00 5" 15.00 6" 20.00

125—Granulosa x Forbesii—A green *Cattleya* of very heavy texture. Flowers, 4 to 5".

2" 2.00 3" 4.00 4" 7.50

126—Pavlovae x Edithiae var. White Empress—Heavy textured white. Good shape and size.

1½" 1.50

127—Pilgrim (Tityus Wirt var. x Prospector)—A winter lavender of good quality. Very heavy production. An excellent dark cut flower.

4" 10.00

128—Edithiae x Simplicity—A very clear white. Exceptional texture and size. Winter flowering.

3½" 7.50

4" 10.00

129—Gladys Tsukamoto x Concinnity—Pure white, orange throat. Exceptional production.

3½" 7.50

4" 10.00

130—Hesperus (Enid x Hardyana)—Very heavy textured large flower of deep rose-lavender with dark lip.

5" 20.00

6" 30.00

131—Javotte (Edithiae x Lady Veitch)—Large white. Heavy texture. Excellent cut flower.

4" 7.50

CATTLEYA HYBRIDS (Cont'd)

132—Tityus (Enid x Octave Doin)—A very fine form of this famous hybrid. All divisions from one selected plant raised in a batch of many seedlings. 5" 20.00

133—C. Mossiae Wagneri x Eldorado Alba—A new combination of two fine white species. Unknown as to breeding behavior. Should extend the season into late spring. 1½" 1.50
2" 3.00

134—Armainvillierensis (Gigas x Mendelii)—An exceptionally free flowering spring hybrid. A good subject for the amateur to start with. 5" 10.00

135—Granulosa x Heyday—A cross between the deep green Granulosa and one of those large perfect shaped Cattleyas of deep lavender color. Result will probably be lavender-bronze. 3" 7.50
4" 12.50

136—Suzanne Hye Alba (Gaskelliana x Mossiae Wagneri)—A terrific producer. Flowers pure white with a yellow throat. 4" 10.00 5" 15.00 6" 17.50

137—Hardyana Alba (Gigas F.M.B. x Dowiana Aurea)—Late spring to early summer. Heavy production. Clear white sepals and petals, rich royal purple lip. 5" 15.00

138—Venus (Dowiana x Iris)—Deep yellow sepals and petals, rich red spade-type lip. 3" 10.00

139—Ashlands var. Lion (Dupreana x Tityus)—This is the best variety of this fine hybrid we know of. Large dark lavender flowers produced on very strong, long stems. Has a terrific flowering record. 6" 35.00

140—Estelle Alba x Mina—Very heavy production. Large white flowers of good shape and substance. 3½" 7.50
4" 10.00

141—Joan Manda x Alaska—Another cross made to produce large quantities of fine cut flower, white Cattleyas in winter. 3½" 7.50

142—Okami x Mount Royal Alba—White sepals and petals, some splashed deep lavender. Dark purple lip. 3" 7.50



No. 139—Cattleya Ashlands var. Lion

143—Stalin x Octave Doin-Mossiae—Should produce a fine dark lavender in mid-winter suitable for exhibition purposes. 3" 8.00

144—Mount Royal Alba x Nutley Alba—A cross between two of the heaviest flowering white-with-purple-lip Cattleyas we know of. This one will give you plenty of flowers. 1½" 1.50
2" 3.00

145—December Snow x Jean Barrow var. Kodama—The Jean Barrow is a tetraploid. This should produce some very fine exhibition quality pure whites. 1½" 3.00
2" 4.00

146—Serenity (Santa Monica x Trianae)—A famous winter flower of excellent shape. Lavender sepals and petals with a darker lip. All divisions of one selected plant. 4-5" 20.00

147—San Onofre (Gay Gordon x Mendelii)—Again we offer divisions of one fine selected plant. Large dark flowers with an intense dark lip. 4-5" 15.00

148—Enid Alba McBeans var. (Mossiae x Gigas)—One of the finest forms of Enid Alba. White sepals and petals with a dark purple lip. 4-5" 15.00

149—Okami #380 (Suavior x Gigas)—We offer two selected varieties of this fine splashed-petal subject. Both have pure white sepals with white petals marked like the lip. Lip, dark royal purple. A fine novelty. 4-5" 15.00

150—Okami #215 (Suavior x Gigas)—See #149—This is the better of the two. 4-5" 30.00

151—Dinahbo (Boadicea x Dinah A.M.-R.H.S.)—Excellent exhibition flower. Warm lavender, dark purple lip. 3" 15.00
6" 20.00

152—Bobbie Jewell x Irene var. Rivermont—Very free flowering winter white. Excellent cut flower. 3" 5.00

153—Joyce Hannington x Ethel Leder—A cross involving two of the top quality exhibition whites. Should produce fine show-quality whites. 1½" 3.00

154—Thebes Bronze King x Yellow Chief—Both parents proven yellow studs. A fine yellow with purple lip. 1½" 3.00

155—Edithiae White Empress x Estelle Makashima var.—The Estelle parent is a tetraploid. Should produce fine quality pure whites. 3" 7.50
4" 12.50

156—Bobbie Jewell-Minnehaha x Jean Barrow—Very heavy texture. Large, pure white flowers. 3" 7.50

157—Estelle x White Lady—Very heavy production of good quality winter pure whites. 5" 15.00
6" 20.00

158—Joan Manda (Suzanne Hye x White Empress)—A proven white of good quality. Fine production. 5" 15.00

159—White Lady (O'Brieniana Alba x Perciviliana Alba)—A smaller flower, pure white. Very heavy texture. 5" 15.00

160—Tityus x Grand Monarch—Lavender. Dark purple lip with a large area of yellow in the throat. Good shape. 5" 15.00

161—San Onofre x Dupreana—Very large flower. Lavender with a darker lip. Good production. 3" 5.00
5" 15.00

162—Janice Tanaka (Angelina x Gaston Bultel)—No set season. Gives you a surprise package of good quality white flowers throughout the year. 6" 17.50

162A—McNeill Beauty (Fabia Alba x Prince Amabilis)—A good clear white with intense red-purple lip. 5" 30.00

162B—Claire Nishimura (Stalin x Juana)—Very fine new exhibition hybrid. Deep lavender, large lavender lip. 3" 5.00
4" 10.00

SMALL-FLOWERED CATTLEYAS

A great deal of interest has developed in the heavy textured small cluster type of Cattleya. Flowers average 4-5" and are carried on good stems 4-7 flowers in a head. These make ideal show plants as well as excellent cut flowers.

163—R. Prowe (Intermedia Alba x Suzanne Hye)—One of the most terrific producers we have ever seen. Wonderful clear white flowers of very heavy texture. 4" 10.00
5" 15.00

164—Harrisoniana-Eucharis x Suzanne Hye—Very heavy texture, nice round shape. White, yellow throat in the lip. 3" 7.50

165—White Lady x Harrisoniana-Eucharis—Same as #164. 3" 7.50
4" 12.50

166—Bertii (Harrisoniana x Labiata)—Compact flowers of fine color, deep lavender, 3 to 6 in a head. Flowers right at Christmas time in Hawaii. 5" 15.00
6" 20.00

167—Eucharis-Harrisoniana x Marion Davies—See #164. 2" 2.50

168—Eucharis-Harrisoniana x Estelle Alba—See #164. 2" 2.50

169—Bertii x Enid—Should produce a slightly larger flower than the fine little Bertii. Lavender color; exceptional production. 1½" 1.50
2" 2.50

170—Estelle var. Happy x Harrisoniana-Eucharis—See #164. 2" 2.50
2½" 3.50

171—Baby Jane (December Snow x Aurantiaca)—A true gem. Clusters of 2½-3" flowers in salmon to yellow. 4" 10.00

172—Mossiae x Intermedia—Pale pastel, near-white flowers. Dwarf plants of terrific production. 4" 10.00

CHYSIS

Best potted into pans or pots. Semi-terrestrial. They like a rich compost, old osmunda, oak mould, sand, and peat in equal proportions. Keep warm with lots of water when in growth. After growth, remove to cooler location and keep on the dry side.

173—Aurea (Venezuela)—Spring. 3-6 flowers. Brownish yellow, white with crimson lip. 4" 7.50

174—Bractescens (Peru)—Spring. 5-8 flowers. Wax white. One of the loveliest of all orchids. 5-6" 10.00

CIRRHOPE TALUM

Closely allied to Bulbophyllum. Epiphytes of considerable botanical charm. They prefer the warm house. Pot in Osmunda in pans or grow on fern logs. They want ample light, air, and water.

175—Makoyanum (Asia)—Straw yellow. Individual flowers arranged in a ring creating the effect of a daisy. Called the daisy orchid. 4" 7.50

176—Ornatissimum (Asia)—Green, marked with deep purple. Flowering size on logs 7.50

COELOGYNE

A most interesting genus from the amateur standpoint. Sometimes called the chain orchids. Pot in Osmunda, not too hard. They like plenty of water. Intermediate to warm house.

177—Flaccida (North India)—7-12 cream-white flowers about 1½" across, on short spikes. Very prolific. 6" 5.00

178—Massangeana (Assam)—Not seasonal. Long pendulous spikes up to two feet or more in length. Flowers buff-yellow, marked brown. 6" 7.50



No. 178—Coeologyne Massangeana

179—Merrillii (Philippines)—A dwarf species. Translucent white flowers, 2½". Short spikes. 4-5" 5.00

CYMBIDIUM

We do not grow the modern hybrids in Hawaii as our climate is too warm to insure good flowering. The species we list are all most interesting and proven to be free flowering. Best in warm to intermediate house. Should have lots of water at all times.

180—Finlaysonianum (Malaya)—Pendulous racemes, many flowered. Brown-red. Very easy to grow. 6" 7.50 Flowering size on logs 7.50

181—Giganteum (India)—Winter. Large flowers. Green-brown, striped red. 6" 10.00

182—Grandiflorum (Sikkim)—Winter. Large flowers. Green-yellow, lip spotted red. 6" 10.00

183—Mastersii (India)—A striking plant of unusual growth. Resembles a dwarf palm. Large white flowers. 6" 10.00

184—Pendulum (Asia)—A giant species. Large ocre-yellow flowers, red lip. Pendulous racemes. 6" 10.00

CYPRIPEDIUM—SPECIES

Lady slipper orchids. A very easy genus for the amateur to grow. Intermediate house, 50% shade, lots of water at all times. Pot soft in any rich organic compost, fertilize frequently.

185—Callosum (Siam)—A beautiful tessellated-foilage type. Flowers white striped deep purple on long stems. Flowers more than once a year. 5" 7.50

186—Concolor (Siam)—A charming miniature species. Deep yellow, egg shell spotted brown. 2-3 flowers on a spike. 3" 7.50

187—Fairrieianum (India)—Most distinct. Purple and white, with a curious oriental appearance. 4" 7.50

188—Insigne (India)—The easiest of all to grow. Can be handled as a house plant almost anywhere. Green-brown. 4" 3.50 5" 5.00



No. 185—Cypripedium Callosum

CYPRIPEDIUM—SPECIES (Cont'd)

189—*Insigne* var. *Harefield Hall*—The giant of the species. A really wonderful form. More than twice the size of the type. Bold, large spotting on the dorsal. 5" 17.50

CYPRIPEDIUM HYBRIDS

Equally easy to grow as the species. Hybridization has refined the flowers and made them even more attractive. Every collection should have some of these fine plants.

190—*King Arthur "Burgoyne"* (*Bingleyense* x *Monsieur de Curte*)—One of the best cut flower Cyprs. Long stems. Mahogany red in color. Very free flowering. 5" 20.00



No. 200—Cypripedium Leeanaum Hawaii var.

191—*The Major Becktons* var. (*Gaston Bultel* x *Harrisianum*)—A very well shaped red-mahogany flower. Purple-red and brown dorsal. 5" 25.00

192—*Sir Redvers Buller* (*Insigne* x *Smithii*)—Exceptionally free growing. Deep purple-red in color. 5" 15.00

193—*Leyburnense Magnificum* (*Charlesworthii* x *T. B. Haywood*)—Lovely in shape. Very free flowering. Purple-rose in color. A grand subject. 5" 30.00

194—*Corisande II* (*Ballet Girl* x *Mary Gratrix*)—One of the best of the deep reds. Long stem. Very free flowering. 5" 35.00

195—*Mencius* (*Hadrian* x *Shogun*)—Sorghum-brown and green-yellow, spotted darker brown. Good bloomer, free growing. 5" 12.50

196—*Oeananthum* (*Harrisianum* x *Insigne*)—An old favorite. Very easy to grow. Red-brown in color. 5" 12.50

197—*Altantis* var. *Vivicans* A.M.-R.H.S. (*Cardinal Mercier* x *Chloris*)—A very large well shaped red. Good stem and flowering habit. 5" 40.00

198—*Maudiae Magnificum* F.C.C.-R.H.S. (*Callosum Sanderæ* x *Lawrenceanum*)—The popular green florist Cyp. White dorsal streaked in green, with green pouch and petals. Flowers all year. 5" 17.50

199—*Rosy Dawn* (*Gwen Hannen Album* x *Astarte*)—A finely shaped round flower. Porcelain white, tinged blush pink. Free flowering. 5" 40.00

200—*Leeanaum Hawaii* var. (*Insigne* x *Spicerianum*)—One of the best varieties of this fine hybrid. Neat white dorsal with green and brown. Pouch and petals brown. 5" 7.50

200A—*Wm. Kirch* (*Insigne* x *Grace Darling*)—A very clear yellow on a long stem. Most vigorous and free flowering. 5" 12.50

CYRTOPODIUM

A genus from South America of great merit. Huge spikes of lovely flowers. Pot in large containers ½ soil, ½ old osmunda with good drainage. Fertilize and water heavily when in growth.

201—*Andersonii*—Clear green-yellow. 5" 7.50
6" 10.00

DENDROBIUM—SPECIES

A very large and polymorphic genus distributed over a wide range of the Pacific to Asia. All are easily grown. General requirements are decided periods of growth and rest. Plenty of heat, water and fertilizer when growing; keep dry and cool when dormant. Ample light at all times. Pot in osmunda or Hawaiian tree fern.

202—*Aureum* (*Philippines*)—Deciduous species. Lovely, fragrant yellow flowers in the spring. Our strain raised from seed of a very fine type. 3" 7.50
4" 10.00

Baskets 10.00–15.00

203—*Aggregatum* var. *Majus* (*India*)—Spring. Dwarf habit. Slender drooping spikes of beautiful orange flowers. Requires a long, dry rest from fall to spring. 3–4" 5.00
5" 7.50 Baskets 10.00

204—*Aggregatum* var. *Jenkinsii* (*India*)—Spring. A miniature form of the above. Flowering size on logs 5.00

205—*Caniculatum* (*Queensland*)—Evergreen. Most charming miniature. Long upright spikes of white, cream and purple flowers. 3½" 7.50

206—*Chrysotoxum* (*Moulmein*)—Spring. Very beautiful. Deep golden yellow. Flowers in clusters. Needs long rest. 5" 7.50 Flowering size on logs 5.00

207—*Chrysotoxum* var. *Suavissimum*—A superior type. More robust in growth and flowering. 5" 10.00

208—*Cruminatum* (*Philippines*)—Large graceful plant. Huge spikes covered with pure white flowers that last for one day. Flowers several times a year. A fine landscape subject in frost-free regions. Flowering size on logs 5.00

No. 203—*Dendrobium Aggregatum* var. *Majus*No. 206—*Dendrobium Chrysotoxum*

209—*Dearei* (Philippines)—Lovely white ginger-like flowers that last for months. An evergreen, stately plant. Ours is a very fine type from seed.

4" 10.00
5" 15.00

210—*Dalhousianum* (Burma)—Very large flowered. Peach-rose, maroon spots in lip.

6" 10.00

211—*Densiflorum* (India)—Spring. Flowers close set in pendulous trusses. Deep rich yellow.

5" 7.50

212—*Dixanthum* (India)—Slender stems, bright yellow flowers.

Flowering size on logs 5.00

213—*Farmeri* (India)—Spring. A charming species. Apple-blossom pink with large yellow lip.

5" 7.50

Flowering size on logs 7.50

214—*Fusifforme* (Queensland)—A pretty little plant with nice spikes of white flowers.

3½" 7.50

215—*Fimbriatum Occulatum* (Burma)—Spring. Bright orange flowers, maroon blotch in lip. Very fine.

5" 7.50

6" 10.00

No. 209—*Dendrobium Dearei*No. 215—*Dendrobium Fimbriatum Occulatum*

No. 216—*Dendrobium Johannis***DENDROBIUM—SPECIES (Cont'd)**

216—Johannis (Queensland)—Evergreen. Brown with canary yellow lip. Long spikes. **3½" 7.50**

217—Moschatum Cupreum (India)—Large flowers. Apricot-yellow, lip like a pouch. Spring. **5" 7.50**
6" 10.00

No. 218—*Dendrobium Nobile*

218—Nobile (India)—Of easiest possible culture. Rosy pink. Flowers in twos and threes along the stem. Spring.

Flowering size on logs 5.00

219—Pierardii (India)—Early spring. Pale pastel lavender with primrose-yellow lip. Deciduous; of very easy culture.

Flowering size on logs 2.50–5.00

220—Philippinense—Curious terete foliage. Small yellow flowers. **3–4" 5.00**

221—Primulinum (Burma)—Early spring. Pale rose-lilac. Deciduous.

Flowering size on logs 5.00

222—Secundum (Malaya)—Autumn and winter. Most unusual. Flowers closely set like a bottle brush. Lavender.

Flowering size on logs 7.50

223—Senile (Malaya)—A very curious little plant. Has white hairs all over it, looks like a little old man. Beautiful green-yellow flowers.

Flowering size on logs 7.50

224—Schuleri (Indonesia)—A very rare species that has been most valuable in breeding. Long spikes of green flowers. Plants robust growers.

Small divisions 35.00 Medium divisions 50.00

Large plants 100.00

225—Superbum (Philippines)—Spring. A large-flowered species. Very fragrant. Deciduous and pendulous. Lavender.

Flowering size on logs 3.50–5.00

226—Superbum var. Dearei—Pure white form.

3" 5.00 4" 7.50 5" 10.00

Large specimens on logs 15.00–20.00

227—Toftii (Queensland)—A very rare evergreen species of great beauty. Slate blue-white. Very large lip. **5" 20.00**

228—Thrysiflorum (Burma)—Spring. Spectacular species. Orange and white flowers on large pendulous trusses. **5" 7.50**

229—Tokai (Fiji)—Evergreen. Dark green flowers. Very charming. **4–5" 17.50**

230—Undulatum (Queensland)—Variable. Evergreen. Brown and yellow shades. Long spikes, undulated flowers.

5" 12.50 7" 17.50

6" 15.00 9" 22.50

231—Undulatum var. Broomfieldii—Easily one of the finest *Dendrobium* species in existence. Clear green-yellow flowers of very heavy texture. Long spikes.

6" 25.00 7" 30.00 8" 35.00

231A—Undulatum var. Carter—An exceptionally fine type of *Undulatum*. Considered by many to be a distinct species. Golden yellow flowers. **Flowering size divisions 35.00**

232—Grantii (North Australia)—A rare species of the *Vera-trifolium* group. Long sprays of lovely white flowers.

4" 7.50

Flowering size 17.50

233—Dicuphum (Queensland)—A rare member of the *Phalaenopsis* section. Pure white, round flowers. Dwarf plant. **3–3½" 10.00**

234—Wilkianum (Queensland)—Another very rare species. Very dwarf plant. Brown and yellow flowers. **4" 12.50**

235—Superbiens (Queensland)—A fine natural hybrid. Long spikes of bright rose-purple flowers.

Flowering size divisions 12.50

**Our Orchid Plants
Are Shipped to All the World**

**Instructions for Ordering
Are Noted on the Inside Back
Cover of This Catalogue**



Dendrobium Sunda Island
(Typifies Dendrobium Hybrids of Groups II and III)

HAWAIIAN DENDROBIUM HYBRIDS

Of these, we can't say enough. Last year we shipped thousands of plants to almost every part of the world. We sincerely believe these are among the most satisfactory orchids an amateur can grow. They offer colors and types that cannot be duplicated in any other genus. The flowers last on the plant for weeks in perfection. As a cut flower for either corsages or table arrangements they are unrivaled.

Their culture is simple. They grow best in the Cattleya house or outside in the tropics. They like strong light. When they are in active growth water copiously, and fertilize regularly. Use any good fertilizer recommended for orchids. After growth matures, reduce the water and fertilizer to harden the bulbs but do not dry severely as you would the species. Pot them in osmunda or Hawaiian tree fern as you would Cattleyas.

Dendrobium hybrids are exceptionally fast-growing plants. Many of our customers write back that they are flowering them one year from the purchase of 1½" pots. Our seedlings

are hard grown and we believe the equal of the best to be found anywhere in the world. Try a few, we know you will like them.

For your convenience, and to help you better understand them, we are grouping them according to their principal characteristics.

GROUP I—Dendrobium Hybrids

This is a very large section and has been divided into subsections. Its main influence has been created by the use of Dend. Phalaenopsis as a parent. The flowers are very large and shapely for the genus. They are occasionally affected by bud drop. This is caused by poor ventilation and high humidity. Create a better circulation of air, and dry out the atmosphere. They make excellent cut flowers.

GROUP I-A—Dendrobium Hybrids

These are the crosses bred for large, round flowers. Some of them show intense color. They make very fine exhibition plants.

236—Lady Constance (Orchidwood x Phalaenopsis)—One of the most beautifully shaped hybrids. Round flowers of deep lavender purple.

	1½"	1.50
2"	2.50	3" 5.00
	4"	8.00



No. 236—*Dendrobium Lady Constance*

GROUP 1-A—DENDROBIUM HYBRIDS (Cont'd)

237—Louis Bleriot (Superbiens Goldei x Phalaenopsis)—A great favorite. Large dark flowers. 2" 2.50
3" 5.00 4" 8.00 5" 8.50
Selected flowering plants 7.50-35.00

238—Valley King (Mildred Kazumura x Phalaenopsis)—One of the finest of the new hybrids. Very heavy texture. Wonderful deep contrasting colors of vivid hues. 4" 10.00
5" 15.00

239—Liliha x Phalaenopsis—Very large dark lavender. Equal or superior to Louis Bleriot. 1½" 1.50
2" 2.50 3" 5.00 4" 8.00

240—Lim Chong Min (Caesar x Phalaenopsis)—Very heavy texture, large flowers. Near white to deep dark-lavender. 1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 12.50

241—Kehaulani Ayau (Sander's Crimson x Phalaenopsis)—Large size. Deep lavender-red color. 5" 10.00
3" 4.00 4" 7.50

242—Lois Anderson (Hawaii Nui x Phalaenopsis)—Very large dark flowers. Free flowering. One of the best of the proven crosses. 1½" 1.50
2" 2.50 3" 5.00 4" 8.50

243—Madam Pompadour (Phalaenopsis x Louis Bleriot)—Beautiful shape. The selected dark forms are real prize winners. 1½" 1.50
Flowering size 5.00-12.50
Selected dark var. 15.00-35.00

244—Hawaii Nui (Hawaii x Phalaenopsis)—A fine hybrid of good size. Deep lavender. 2" 2.50 3" 5.00
Flowering size 12.50 Selected dark var. 15.00-20.00

245—Hawaii Nui x Lady Constance—Deep dark-lavender; good shape. 3" 5.00 4" 8.00 5" 12.50

246—Madam Pompadour x Madam Pompadour—An inbred strain of the best to bring out those hidden, recessive characteristics. 1½" 1.50
2" 2.50

247—Phalaenopsis var. Giganteum x Diamond Head Beauty F.C.C.-H.O.S.—This is a powerful new cross involving the best possible parents. Beautiful shape; dark lavender. 1½" 2.00
2" 3.50

248—Lady Constance var. County Fair x Diamond Head Beauty-F.C.C.-H.O.S.—Equally good to #247. 1½" 2.00
2" 3.50

249—Waiialua (Lois Anderson x Phalaenopsis)—A proven hybrid of great merit. Fine shape and color. 1½" 1.50
3" 5.00

250—Madam Pompadour x (Hawaii-Chrysotoxum)—Fine shape and deep dark-red color. 1½" 1.50
3" 5.00

251—Lois Anderson x Amouk—Two fine types, dark color. Excellent shape. 1½" 1.50
3" 5.00

252—Lady Constance x Phalaenopsis Dixon's var.—Intense color and excellence of shape. 1½" 1.50
3" 5.00

253—Phalaenopsis Alba x Lady Constance—Experimental. However, past experience indicates the Alba parent will intensify the color. Excellence of shape. 1½" 1.50
3" 5.00

254—Valley King (Mildred Kazumura var. Ivory x Phalaenopsis Alba)—A new strain. Both parents white and perhaps we will achieve a new white Valley King. Like to gamble? 1½" 1.50
3" 5.00



No. 249—Dendrobium Waiialua

255—Lady Constance x Lady Constance—Another of those inbred lines. Some fine things will appear. 1½" 1.50
3" 5.00

256—Valley King (Mildred Kazumura var. Ivory x Phalaenopsis var. Giganteum)—In case we miss on #254 and get color, this one is insurance for an even larger size. 1½" 1.50

257—Mildred Kazumura x Lady Constance—Valley King proved to be a fine new thing. Lady Constance has better shape than Phalaenopsis. Who knows? 2" 2.50
3" 5.00

258—Sandy x Amouk—The best possible shape with the best possible dark red. Good potential. 1½" 1.50

259—Amouk (Madam Pompadour x Phal. Schroderianum var. Ruby)—Phal. Schroderianum var. Ruby is a proven parent which imparts intense color. Crossed to the shapely Madam, the result must be good. 1½" 1.50 2" 3.50 3" 5.00

GROUP 1-B—Dendrobium Hybrids

These crosses are not so round in shape but are particularly free flowering and usually produce some spikes all year round. We call them the Hawaii type.

260—Paul (Taurus x Phalaenopsis)—Various shades of lavender to rose; fine large spikes. 3" 5.00
4" 7.50 5" 8.50 6" 10.00

261—Pauline (Undulatum x Phalaenopsis)—An old favorite. Free flowering. Medium to dark lavender. Very long spikes. 3" 3.00
4" 4.50 5" 8.50 6" 12.50

262—Neo Hawaii (Grantii x Phalaenopsis)—Pastel lavers. Exceptional flower production. 1½" 1.50
2" 2.50 3" 4.00 4" 8.00

263—May Queen (May Neal x Phalaenopsis)—A new hybrid of exceptional texture and very good shape. Bright, vivid lavender colors. 1½" 1.50 2" 2.50
3" 5.00 4" 7.50 5" 10.00



GROUP 1-B—DENDROBIUM HYBRIDS (Cont'd)

- | | | | |
|--|---------|--|----------------------|
| 277—Alice Hong (Lady Constance x 100th Battalion)— | | | |
| Exceptional flower production. Long spikes; bright purple flowers. | | | 3" 4.00 |
| 4" 6.50 | 5" 7.50 | | 6-7" 10.00 |
| 278—Kalihi (Shibata x Phal. Mauna Kea)—A fine new hybrid of brilliant dark lavender color. | | | 6" 10.00
7" 12.50 |
| 279—Hawaii x Alice Spaulding—Of intense red-purple color to yellow-bronze. | | | 1½" 1.50
2" 2.50 |
| 280—T. Shioi x Phalaenopsis—Very dark purple; good size and long spikes. | | | 1½" 1.50
3" 5.00 |
| 281—Guadalcanal (Gouldii x Hawaii)—Yellow to bronze to various shades of lavender. | | | 1½" 1.50
3" 4.00 |
| 4" 6.50 | | | 5" 8.50 |
| 282—Wilhelm Stuber x Dr. Krause—Yellow-bronze to deep lavender-bronze. | | | 3" 5.00
4" 7.50 |
| 283—Louisae (Veratrifolium x Phalaenopsis)—Long graceful sprays of pastel lavender shades. | | | 3" 4.00 |
| 1½" 1.50 | 2" 2.50 | | 5" 7.50 |
| | | | 6" 10.00 |
| 284—Lois Anderson x Gouldii—Very dark lavender; free flowering. | | | 1½" 1.50
3" 4.00 |
| 285—Owen x Phal. var. Giganteum—Exceptional size; medium lavender color. | | | 1½" 1.50
3" 4.00 |
| 286—Lois Anderson x Undulatum—Long spikes, curled red-lavender flowers. | | | 1½" 1.50
3" 4.00 |
| 287—Hawaii-Chrysotoxum x May Neal—Yellow-bronze to deep red-purple. | | | 1½" 1.50
3" 4.00 |
| 288—Owen x Hawaii Nui—Large size; various shades lavender | | | Cp. 7.50
1½" 1.50 |

No. 277—*Dendrobium* Alice Hong

289—Robbie Camp x Shibata—Dark lavender; large lip.
3" 4.00
4" 6.50

290—Kiawe (Kukui x Louis Bleriot)—Medium to dark lavender; long spikes.
1½" 1.50 2" 2.50 2½" 3.50

291—Chrissy (Louis Bleriot x Hawaii)—Very dark lavender.
3" 4.00
5" 8.50

292—Hawaii x Madam Pompadour—Very large dark lavender.
1½" 1.50
2" 2.50

293—Colin Potter x Madam Pompadour—Exceptional size of flower; dark lavender.
1½" 1.50
2" 2.50

GROUP I-C—Dendrobium Hybrids

This contains the various selected strains of Dend. Phalaenopsis. We believe these to be the equal of any to be found.

294—Phalaenopsis var. Mauna Kea—Beautiful pure white flowers of great charm.
1½" 1.50 3" 7.50 4" 12.50

295—Phalaenopsis var. White Foam—A very pure white form of good shape.
2" 3.00

296—Phal. Schroderianum Alba x Phal. Mauna Kea—A new strain of two of the best whites.
1½" 1.50
3" 5.00

297—Phalaenopsis var. Giganteum x Self—This is the largest form of Phalaenopsis we have seen. Good deep color.
1½" 2.00



No. 299—Dendrobium Phalaenopsis

298—Phalaenopsis x Phalaenopsis—Two very dark types; good deep color.
3" 5.00
4" 8.00

299—Phalaenopsis x Phalaenopsis—The light rosy form.
3" 4.00
4" 7.50

300—Phalaenopsis Schroderianum Alba x Self—The finest white species selfed.
1½" 2.50
2" 3.00



No. 294—Dendrobium Phalaenopsis
var. Mauna Kea

GROUP I-D—Dendrobium Hybrids

A new type entirely. By using the dwarf form of *Phalaenopsis* var. *Compactum* we have produced a new type of dwarf hybrid. These plants flower, with full sized flowers, on plants only about twelve inches high. These are very valuable where space is limited.

- 301—Pauline x Phal. Compactum**—Good deep lavender color; large flowers.
4" 7.50
5" 10.00
- 302—Phalaenopsis Compactum x Phalaenopsis**—A dwarf strain of good color.
2" 3.00
3" 5.00
- 303—Takami Kodama x Phalaenopsis Compactum**—Deep rich purple-red.
Cp. 7.50
- 303—Sander's Crimson x Phalaenopsis Compactum**—Deep color; large size; red-lavender.
Cp. 7.50

GROUP II—Dendrobium Hybrids

The hybrids in this section are often referred to as the Antelope Orchids. Due to the influence of *Dend. Stratiotes*, the twisted petals stand up like antelope horns. Flowers on these plants have exceptional texture and often last on the plants for three months. No other group of plants are more spectacular for display either for show, the home, garden, or greenhouse.

- 304—Strattokai x Constance**—Deep golden yellow to char-
truse.
4" 8.00
5" 12.50
- 305—Pauline x Stratiotes**—A wide range of color; white, cream, to deep lavender.
2" 2.50
3" 5.00 4" 7.50 5" 10.00
- 306—Mildred Kazumura (Hawaii x Stratiotes)**—A proven cross of great merit. Yellow, cream, to deep lavender.
3" 5.00 4" 8.00 5" 15.00
Selected forms 15.00–20.00
- 307—Alice Spaulding x Stratiotes**—Deep yellow to green; large size.
3" 4.00 4" 7.50 5" 10.00
- 308—Sunda Island x Shibata**—Large size; brown, cream, yellow.
1½" 1.50 3" 4.00 4" 7.50
- 309—Robbie Camp x Stratiotes**—Deep lavender. A fine thing.
4" 7.50
5" 10.00
- 310—Strattokai x Phal. Dixon's var.**—Exceptionally dark hybrid of the Caesar type.
2" 2.50 3" 4.00 4" 7.50
- 311—Strattokai x Taurus**—Yellow to bronze-red.
3" 5.00
5" 10.00
- 312—Rose Souza (Kukui x Stratiotes)**—A wide range of colors; lavender to yellow-bronze.
3" 5.00
- 313—Strattokai x T. Kodama**—Principally yellow to apricot and peach.
3" 5.00 5" 10.00 6" 12.50
- 314—Strattokai x Tokai**—Deep green-yellow.
3" 5.00
5" 8.50
- 315—Strattokai x 442nd Infantry**—Deep lavender; some blues.
3" 5.00 5" 10.00 6" 12.50
- 316—Surfrider (Rose Marie x Stratiotes)**—A fine thing. Large flowers; white with rose flush.
1½" 1.50
2" 2.50
- 317—Pauoa (Sander's Crimson x Stratiotes)**—Very large lavender flowers of the Caesar type. A fine hybrid.
1½" 1.50 3" 5.00 4" 7.50

- 318—Hawaii Nui x Stratiotes**—Dark purple; fine size.
1½" 1.50 3" 5.00
2" 2.50 4" 8.50
- 319—Salak x Shibata**—Green to yellow and brown; exceptionally vigorous.
1½" 1.50
2" 2.50 3" 4.00 4" 7.50
- 320—Sharon Naka (Lester McCoy x Stratiotes)**—Yellow and red combinations; many unusual bronze tones. One of the better new hybrids.
2" 2.50
3" 5.00 4" 8.50 5" 10.00
6" 12.50 Selected flowering 25.00
- 321—Lum Goo (Stratiotes x Gouldii)**—A fine new yellow-brown hybrid. Very popular.
Cp. 7.50 3" 7.50 4" 10.00
- 322—442nd Infantry x Stratiotes**—White with pale blue flush. Very large size.
3" 5.00 4" 8.50 5" 10.00
- 323—100th Battalion x Stratiotes**—Primarily peach to yellow and apricot.
2" 2.50 3" 5.00 4" 8.50
- 324—Caesar (Phalaenopsis x Stratiotes)**—Very large flowers. Pale pastel to darkest lavender. Occasionally a pure white form.
1½" 1.50 2" 2.50 3" 5.00
4" 10.00 5" 12.50
- 325—Stratiotes x Self**—The famous species itself. Breeds true to seed. Every collection should have a plant.
1½" 1.50 2" 2.50 3" 5.00
5" 10.00 Flowering divisions 15.00–20.00
- 326—Stratiotes x Helen Bromley**—A fine yellow to bronze.
3" 5.00
4" 8.50
- 327—Owen x Stratiotes**—Reds, salmons, warm lavenders.
2" 2.50 3" 5.00 4" 8.50
- 328—Strattokai x Shibata**—Green to yellow; large flower.
1½" 1.50
2" 2.50



No. 325—Dendrobium Stratiotes

- 329—Strattokai x Phalaenopsis—A large dark Caesar type.
1½" 1.50
- 330—Taurus x Stratiotes—Bronze to yellow. 5" 10.00
- 331—Salak (Stratiotes x Undulatum)—Golden brown. Vigorous and free flowering.
4" 7.50
6" 12.50
- 332—Louis Bleriot x Stratiotes—Dark lavender Caesar type.
Cp. 7.50 1½" 1.50 4" 8.00
- 333—Strattokai x Gouldii—Deep yellow and brown.
1½" 1.50
3" 5.00
- 334—Sunda Island x Phal. Dixon's var.—Dark red-purple Caesar type.
1½" 1.50 2" 2.50 3" 5.00
- 335—Salak x Phal. Dixon's var.—Like #334; perhaps even darker.
1½" 1.50
3" 5.00
- 336—Walter Carter x Joanne Sawers—White to cream-yellow.
1½" 1.50
3" 5.00
- 337—May Neal x Stratiotes—Large yellow to bronze; fine cross.
1½" 1.50 2" 2.50 3" 5.00
- 338—Joan Tani x Stratiotes—Red-lavender to yellow and bronze.
1½" 1.50
3" 5.00
- 339—Wilhelm Stuber x Stratiotes—Exceptional size; lavender-bronze.
1½" 1.50
3" 5.00
- 340—Vicki x Stratiotes—White to cream with darker markings.
1½" 1.50
3" 5.00
- 341—Joanne Sawers x Stratiotes—Yellow to cream-white. Very free flowering.
1½" 1.50
3" 5.00
- 342—Lois Anderson x Stratiotes—Large dark purple Caesar type.
1½" 1.50
3" 5.00
- 343—Walter Carter x Phal. var. Giganteum—Lavender, very large; Caesar type.
Cp. 7.50
1½" 1.50
- 344—Walter Carter x Stratiotes—A more free-flowering Stratiotes type.
1½" 1.50
2" 2.50
- 345—Mildred Kazumura x Tokai Fiji var.—Deep green-yellow.
1½" 1.50
2" 2.50
- 346—Stratiotes x T. Shioi—Deep yellow with chocolate tips.
1½" 1.50
2" 2.50
- 347—Sandy A.M.-H.O.S. x Stratiotes—Deep crimson-purple to bronze.
1½" 1.50
2" 2.50
- 348—Toftii x Stratiotes—White with blue flush. Cp. 7.50
- 348A—Bacchus x Stratiotes—Dark lavender; good size.
1½" 1.50

GROUP III—Dendrobium Hybrids

The hybrids in this section are built around Dend. Veratrifolium. This species imparts exceptional vigor and freedom of flowering. Spikes are numerous and very long, falling into arching sprays of dainty flowers. Individual flowers are small to medium. Most spectacular as display plants.

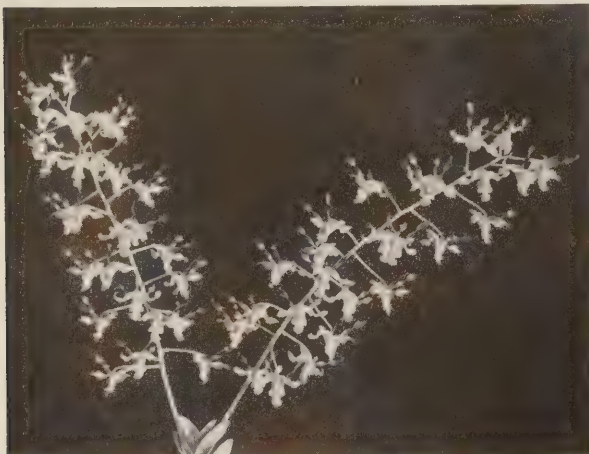
- 349—Lester McCoy x Veratrifolium—Pale yellow to cream and white, some lavenders; very heavy production.
3" 5.00 4" 7.50 5" 10.00

- 350—Sander's Crimson x Veratrifolium—Very similar to Blue Hawaii. Pastel shades of lavender and blue. 2" 2.50
3" 5.00 5" 8.50 6" 10.00
- 351—Strattokai x Veratrifolium—Cream to yellow and white.
3" 5.00
5" 10.00
- 352—Lady Mc (Hawaii x Grantii)—Lavender to white, and blue.
3" 6.00 4" 10.00 5" 15.00
- 353—Joanne Sawers (Tokai x Veratrifolium)—Chartreuse yellow to cream white. 7" 12.50
- 354—Lester McCoy (Hawaii x Veratrifolium)—Great range of color; lavender, blue, yellow to cream and white.
6" 12.50
- 355—Neo Hawaii x Veratrifolium—Pale pastels to white with blue lip.
2" 2.50 3" 4.00 4" 7.50
- 356—Abigail (Pauline x Veratrifolium)—Deep purple to pale pastels and blue. 4" 7.50
- 357—Hawaii Nui x Veratrifolium—An improved Dend. Lester McCoy.
2" 2.50 3" 5.00 4" 8.00
- 358—Ursula (Veratrifolium x Undulatum)—Golden yellow to chocolate brown.
3" 3.50 4" 5.00 6" 10.00
- 359—Verashibata (Veratrifolium x Shibata)—Green to chartreuse and pale yellow.
2" 2.50 3" 4.00 4" 7.50
- 360—Veratrifolium—The species itself. White with blue lip.
2" 2.50 3" 4.00 4" 7.50
- 361—Liliha x Veratrifolium—Deep lavender Lester McCoy type. 3" 5.00
- 362—May Neal Blue var. x Veratrifolium—Should produce predominance of blues. 1½" 1.50
- 363—Yellow Jacket (Gouldii x Veratrifolium)—Yellow to golden brown; very free flowering. 7" 12.50
- 364—Veratrifolium x (D'Albertsii x Undulatum)—Blues to yellow-brown.
3" 5.00 4" 8.00 5" 10.00
- 365—Veratrifolium x Taurinum—White with darker markings.
1½" 1.50
3" 5.00
- 366—Clare Hoshino (Kukui x Veratrifolium)—Pale pastels; long sprays. 5" 8.50
- 367—442nd Infantry x Louisea—Two blue parents; predominantly blues. 3" 5.00
4" 8.00
- 368—Lester McCoy x Sunda Island—Some blues, whites to pastels, and greens. Both parents were green. 3" 4.00
4" 7.50
- 369—Lester McCoy x Gouldii—Deep golden yellow with brown. 1½" 1.50
2" 2.50

GROUP IV—Dendrobium Hybrids

Feature parent of this section is Dend. Taurinum, or the Bull's Horn orchid. The spikes are heavily flowered, generally upright. Plants make beautiful specimens. Individual flowers are quite large. This is one of the easiest to grow. Plants must attain large size to flower freely.

- 370—Taurus x Alice Spaulding—Principally yellow and green. 3" 5.00
4" 8.00
- 371—Sandy (Sander's Crimson x Taurus)—Beautiful things in this cross. Very dark lavender-bronze colors. 2" 2.50 3" 5.00 4" 8.00

No. 372—*Dendrobium T. Shioi*

GROUP IV—DENDROBIUM HYBRIDS (Cont'd)

372—*T. Shioi* (*Gouldii* x *Taurinum*)—One of the darkest hybrids yet produced. Deep yellow-bronze.

Cp. 7.50	2" 2.50	4" 8.00
1½" 1.50	3" 5.00	5" 12.50

373—*Bacchus* (*Taurinum* x *Pauline*)—Very large. A fine lavender, some very dark.

1½" 1.50	3" 5.00	4" 7.50
5" 10.00	6" 12.50	

374—*Hawaii* x *Taurinum*—Very good; yellow to bronze to deep lavender.

1½" 1.50	2" 2.50	3" 5.00
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376—442nd Infantry (*Taurinum* x *Veratrifolium*)—White to blue to lavender-blue. Very large.

3" 4.00	4" 7.50	5" 10.00
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377—*Pauline* x *Taurus*—Lavender to bronze; some yellow forms.

3" 5.00	4" 8.00	5" 12.50
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378—*Neo Hawaii* x *Taurinum*—Pale pastels to blues. Large flowers.

4" 7.50		
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379—*Taurus* (*Taurinum* x *Undulatum*)—Brown, yellow, to red-bronze.

2" 2.50	3" 5.00	4" 8.00
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380—*Shibata* x *Johannis*—Brown to deep golden yellow.

2" 2.50		
3" 5.00		

381—*Shibata* x *T. Kodama*—Deep yellows, greens, and bronze. Large size.

3" 5.00		
4" 8.50		

382—*Hawaii* x *Shibata*—Dark lavender to yellow-bronze.

3" 5.00	4" 8.50	5" 10.00
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383—100th Battalion x *Tokai*—Principally yellow to deep bronze.

3" 5.00	4" 8.50	5" 10.00
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384—*Shibata* x 442nd Infantry—Deep lavender to lavender-bronze.

6" 12.50		
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385—100th Battalion (*Taurus* x *Veratrifolium*)—Yellows, apricots, salmon. *Taurinum* shape.

2" 2.50		
4" 7.50		

386—*Kam IV* (100th Battalion x *Phalaenopsis*)—Similar to #385; larger flowers, lavender flush.

3" 4.00		
4" 7.50		

387—*Yellow Gold* (*Taurus* x 100th Battalion)—Principally yellow to bronze shades.

2" 2.50	3" 5.00	4" 8.00
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388—442nd Infantry x 100th Battalion—Dark lavender to bronze; large size.

3" 4.00		
4" 7.50		

389—*Taurus* x *Shibata*—Deep bronze, reds, yellows.

1½" 1.50	3" 5.00	
2" 2.50	4" 7.50	

390—100th Battalion x *Shibata*—Yellows and greens.

3" 5.00	4" 7.50	5" 10.00
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391—*T. Kodama* x 442nd Infantry—Definite *Taurinum* shape.

Yellow undertone flushed lavender and blue.	3" 5.00	
4" 7.50	5" 10.00	6" 12.50

392—*Sander's Crimson* x 100th Battalion—Very dark purple; large flower.

5" 10.00		
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393—*Helen Bromley* (*Taurus* x *Tokai*)—Green, yellow and brown.

2" 2.50		
3" 5.00		

394—*Taurinum* x *T. Kodama*—Deep purple; *Taurinum* type.

1½" 1.50		
2" 2.50		

395—*Owen* x *T. Kodama*—Bronze-red to yellow to dark lavender.

1½" 1.50		
2" 2.50	3" 5.00	4" 8.00

396—*Owen* x *Taurinum*—Very large dark flower.

1½" 1.50	2" 2.50	3" 5.00
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397—*Lester McCoy* x *Taurinum*—Deep lavender-bronze.

1½" 1.50		
2" 2.50		

398—*T. Shioi* x *T. Kodama*—Deep lavender-bronze to yellow.

1½" 1.50		
2" 2.50		

399—*T. Kodama* x *Alice Spaulding*—Green to yellow; *Taurinum* shape.

1½" 1.50		
2" 2.50		

400—*Sander's Crimson* x *T. Shioi*—Deep lavender purple; *Taurinum* shape.

2" 2.50		
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401—*Caesar* x *T. Shioi*—White to yellow base, flushed dark lavender.

2" 2.50		
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402—*Helen Bromley* x *Taurinum*—Very dark lavender; *Taurinum* shape.

1½" 1.50		
2" 2.50		

403—*Bali* x *Shibata*—Very dark lavender-purple.

2" 2.50	3" 5.00	4" 7.50
5" 10.00	7" 12.50	

404—*May Neal* x *T. Shioi*—Deep yellow-bronze; large size.

1½" 1.50	3" 5.00	4" 8.00
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405—*May Neal* x *Shibata*—Green to yellow-bronze.

1½" 1.50		
2" 2.50		

406—*Caesar* x *Taurinum*—Very large white with deep crimson marking.

Cp. 7.50		
1½" 1.50	2" 2.50	3" 5.00

407—*Bali* x *T. Shioi*—Very dark lavender-purple.

1½" 1.50		
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408—*May Neal* x *Helen Bromley*—Large bronze-yellow.

1½" 1.50		
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409—*Taurus* x *Self*—Some very interesting segregants in yellow to bronze.

3" 4.00		
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410—*Helen Bromley* x *Shibata*—Green to yellow; very large.

1½" 1.50		
2" 2.50	3" 4.00	4" 7.50

411—*Taurinum* x *Self*—A fine strain of the famous species.

1½" 1.50		
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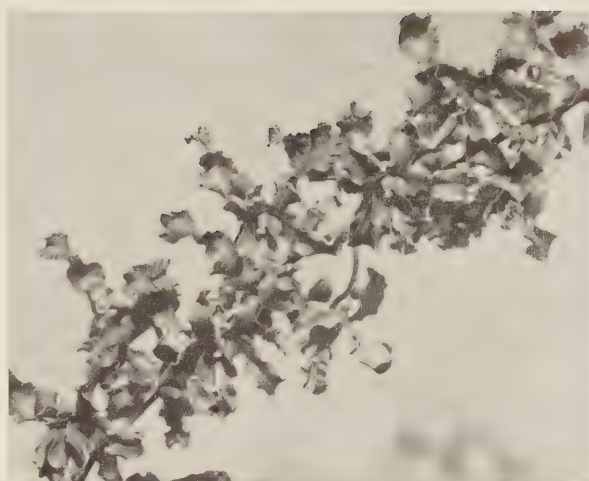
412—*Takami Kodama* (*Taurus* x *Taurinum*)—Deep lavender-bronze; *Taurinum* shape.

1½" 1.50	2" 2.50	3" 5.00
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413—*Taurus* x *T. Shioi*—Dark yellow-bronze, overtones of red.

1½" 1.50	2" 2.50	3" 5.00
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- 414—Kauai x T. Kodama—White to cream with deep purple markings. 1½" 1.50
2" 2.50
- 415—Hawaii Nui x Taurinum—Large deep red-lavender. 1½" 1.50
2" 2.50
- 416—Bernice x Taurinum Alba—Yellow-bronze to dark lavender-bronze. 1½" 1.50
2" 2.50 3" 5.00
- 417—Blue Boy x Taurinum—Very dark lavender-purple. 1½" 1.50
2" 2.50
- 418—Aloha x Taurinum Alba—Yellow-bronze to pastel yellows. 1½" 1.50
2" 2.50
- 419—Jcan Tani x T. Kodama—Deep lavender-bronze, some yellows. Cp. 7.50
1½" 1.50 2" 2.50 3" 5.00
- 420—Jacqueline Thomas x Taurinum—Deep red-purple to dark lavender. Cp. 7.50
- 421—Owen x Shibata—Deep lavender-bronze. Large size. 1½" 1.50
2" 2.50
- 422—Lois Anderson x T. Kodama—Dark lavender-purple. 1½" 1.50
3" 5.00
- 423—Verashibata x Taurinum—Very dark crimson-purple. Cp. 7.50
1½" 1.50 3" 5.00
- 424—Owen x T. Shioi—Yellow to bronze-lavender. 1½" 1.50
3" 5.00
- 425—T. Kodama x May Neal—Yellow to bronze. 1½" 1.50
3" 5.00
- 426—Pauoa x T. Kodama A.M.-H.O.S.—Deep purple-red to lavender-bronze. 1½" 1.50
3" 5.00
- 427—Marietta Chang x Taurinum—Yellow to lavender-bronze. 1½" 1.50
3" 5.00
- 428—Louis Bleriot x T. Kodama A.M.-H.O.S.—Very dark lavender-purple. 1½" 1.50
- 429—Sander's Crimson x T. Kodama A.M.-H.O.S.—Exceptionally dark lavender. 1½" 1.50
3" 5.00
- 430—Shibata x T. Shioi—Deep yellow-bronze to green. 1½" 1.50
2" 2.50 3" 5.00
- 431—Shibata x Joanne Sawers—Green to yellow-cream. 1½" 1.50
- 432—Aileen Lang x T. Shioi—Purple-bronze to gold flush. 1½" 1.50
2" 2.50
- 434—100th Battalion x Alice Spaulding—Green to yellow-bronze. 1½" 1.50
2" 2.50
- 435—Alice Spaulding x Taurinum Alba—Yellow, apricot, bronze flush. 4" 7.50
5" 10.00
- 436—Alice Spaulding x Shibata—Green to green-bronze. 3" 5.00 4" 7.50 5" 10.00
- 437—Tokai Tenney's x Helen Bromley—Deep yellow-green. 2" 3.00
3" 6.00
- 438—Yule x Taurinum Alba—Dark lavender. 3" 5.00
4" 7.50
- 439—Liliha x T. Kodama—Dark lavender-purple. 1½" 1.50
- 440—Jacqueline Thomas x T. Shioi—Yellow-bronze to lavender-purple. 1½" 1.50
- 441—Wilhelm Stuber x Shibata—Deep lavender-bronze. 1½" 1.50



No. 443—Dendrobium Owen

GROUP V—Dendrobium Hybrids

The feature parent here is Dend. Undulatum. This species imparts waved or undulated sepals and petals, long spikes, and exceptional plant vigor. Many beautiful things in this section.

- 442—Undulatum x 442nd Infantry—Very dark flower, wine-lavender; large. 3" 5.00 4" 8.00 5" 12.50
- 443—Owen (Sander's Crimson x Undulatum)—One of the finest hybrids produced. Large range of color, lavender to bronze flush to reds. 1½" 1.50
2" 2.50 3" 5.00 4" 8.00
5" 10.00 Selected flowering 20.00–25.00
- 444—Superbiens Goldei x Undulatum—Lavender-bronze to yellow. 3" 5.00
5" 10.00
- 445—Mildred Kazumura x Undulatum—Yellow to cream and green. Cp. 7.50 1½" 1.50 2" 2.50
- 446—May Neal x Undulatum—Sure to produce fine things. Yellow to bronze. 1½" 1.50
2" 2.50 3" 5.00 4" 8.50
- 447—Alice Spaulding (Undulatum x Tokai)—Green-gold to bronze. 2" 2.50 3" 5.00 4" 8.00
- 448—Hula Girl (Hawaii x Undulatum)—Very dark colors with gold and bronze flush. 1½" 1.50
2" 2.50
- 449—Undulatum x Johannis—Deep golden yellow, flushed dark purple. 1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 12.50
- 450—Aileen Lang x Shibata—Of great promise; green to gold-bronze. 1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 12.50
- 451—Aileen Lang x Undulatum—Deep golden yellow, flushed dark purple. 1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 12.50
- 452—Aileen Lang x Helen Bromley—Similar to #451; larger flower not so waved. 1½" 1.50
2" 2.50 3" 5.00 4" 8.50

GROUP V—DENDROBIUM HYBRIDS (Cont'd)

- 453—Hula Girl x Undulatum—Golden bronze to red-purple.
3" 5.00 4" 8.50 5" 12.50
- 454—100th Battalion x Hula Girl—Very dark purple-bronze.
3" 5.00
4" 8.50
- 455—Claire Nishimura (442nd Infantry x Hula Girl)—Dark purple to blue and bronze.
3" 5.00
4" 8.50
- 456—T. Kodama x Undulatum—Yellow, bronze to salmon.
1½" 1.50 3" 5.00 4" 8.50
- 457—Lester McCoy x Undulatum—Dark lavender to bronze-yellow.
3" 5.00 4" 8.50 5" 10.00
- 458—Ethel Kawamoto (Shibata x Undulatum)—Long spikes; golden yellow.
3" 5.00 4" 8.50 5" 10.00
- 459—Undulatum x Helen Bromley—Golden yellow; large size. Cp. 7.50
- 460—100th Battalion x Undulatum—Peach, yellow, salmon.
1½" 1.50 4" 8.50
3" 5.00 5" 12.50
- 461—Tokui (Kukui x Tokai)—Unusual bronze shades of lavender.
2" 2.50 3" 5.00 4" 7.50
- 462—Frances Morley (Hula Girl x Taurinum)—Very dark purple; large size.
3" 5.00 4" 8.50 5" 12.50
- 463—Winifred Morley (Hula Girl x Shibata)—Dark purple to lavender-bronze and yellow.
1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 10.00
- 464—Kukui x Undulatum—Yellow to lavender-bronze.
2" 2.50 3" 5.00 5" 8.50
- 465—Liliha x Undulatum—Dark lavender. 3" 5.00
- 466—Louis Bleriot x Undulatum—Exceptionally dark purple.
3" 5.00
5" 10.00
- 467—Superbiens Geldei x Helen Bromley—Yellow to lavender-bronze. 1½" 1.50
2" 2.50
- 468—Owen x Helen Bromley—Reds to bronze to yellow.
1½" 1.50
2" 2.50
- 469—Undulatum var. Negus x 442nd Infantry—Dark purple-bronze. 1½" 1.50
2" 2.50 3" 4.00 4" 7.50
- 470—Toftii x Undulatum—Dark lavender; large lip. 1½" 1.50
- 471—Neo-Hawaii x Undulatum—Dark lavender; good size. 1½" 1.50
3" 5.00
- 472—Undulatum x Self—Complete range of yellow to brown. 1½" 1.50
3" 5.00
- 473—Joan Tani x Undulatum—Yellow with bronze-red flush. 1½" 1.50
3" 5.00
- 474—Undulatum x T. Shioi—Deep yellow-bronze flush. 1½" 1.50
3" 5.00
- 475—Alice Hong x Ethel Kawamoto A.M.-H.O.S.—Dark lavender; long sprays. 1½" 1.50
- 476—Owen x Ethel Kawamoto A.M.-H.O.S.—Deep yellow; long sprays. Cp. 7.50
1½" 1.50
- 477—Ethel Kawamoto A.M.-H.O.S. x Self—A self of this famous yellow hybrid. Cp. 7.50
1½" 1.50

478—Grace Goo x Hula Girl—Dark lavenders to yellow-bronze. Cp. 7.50
1½" 1.50

479—Ethel Kawamoto x Hula Girl—Yellow and bronze combinations. Cp. 7.50
1½" 1.50

480—Wilhelm Stuber x Ethel Kawamoto A.M.-H.O.S.—Deep lavender-bronze to yellow. Cp. 7.50

481—Dark Victory x Ethel Kawamoto A.M.-H.O.S.—An exceptionally fine combination for yellow to lavender-bronze. Cp. 7.50
1½" 1.50

482—Hula Girl x Veratrifolium—Exceptionally long sprays of pale pastel lavender. 3" 4.00
4" 7.00

483—T. Kodama x Hula Girl—Very dark lavender-bronze. 3" 5.00 4" 8.00 5" 10.00

GROUP VI—Dendrobium Hybrids

Here we feature Dend. Gouldii. These plants are proving more valuable all the time. Compact, sturdy plants of tremendous vigor and flower production. Many of them show intense color. This year we are dividing the group between the yellow and blue forms of Gouldii.

GROUP VI-A—Dendrobium Hybrids

These crosses involve the yellow and brown forms of Dend. Gouldii.

484—Michael Kirch (Ursula x Gouldii)—The most vigorous Dendrobium we have ever seen. Tremendous production of yellow-bronze sprays.

5" 8.00 6" 10.00 7" 15.00

485—Gouldii x Paul—Yellow with red-bronze overflush. 4" 8.00
5" 10.00

486—Taurus x Gouldii—Bronze to yellow with dark tips. 1½" 1.50 3" 5.00
2" 2.50 4" 8.50

487—Owen x Gouldii—Lavender-bronze to yellow. Cp. 7.50 1½" 1.50 4" 7.50



No. 488—Dendrobium Gouldii

No. 492—*Dendrobium Clarence Tani*

- 488—*Gouldii* x *Self*—A rare species from seed. Yellow with chocolate tips on the petals. 4" 8.00
5" 12.50
- 489—*Brisbane* x *Gouldii*—Dark lavender to purple-blue. 4" 5.00
5" 7.50
- 490—*Grace Goo* (*Gouldii* x *Shibata*)—One of the finest new hybrids. Deep yellow with dark chocolate tips. 3" 5.00 4" 7.50 5" 10.00
6" 12.50 7" 15.00
- 491—*Gouldii* x *T. Kodama*—Yellow to yellow-bronze. 1½" 1.50 2" 2.50 3" 5.00
4" 8.00 5" 10.00
- 492—*Clarence Tani* (*Helen Bromley* x *Gouldii*)—Large size golden yellow. 3" 5.00 4" 8.00 7" 12.50
- 493—*Joan Tani* (*Sander's Crimson* x *Gouldii*)—A fine new hybrid; lavender to red-bronze. 3" 5.00 4" 8.00 5" 10.00
- 494—*Louisea* x *Gouldii*—Blue to deep lavender. 4" 7.50
- 495—*100th Battalion* x *Gouldii*—Yellows to bronze. 3" 5.00
4" 8.50
- 496—*Grace Goo* x *Dana*—Deep green to yellow. Cp. 7.50 1½" 1.50 2" 2.50
- 497—*Gouldii* x *Amouk*—Deep lavender-purple. Cp. 7.50
- 498—*Jacqueline Thomas* x *Gouldii*—Yellow to red-bronze. 1½" 1.50
3" 5.00
- 499—*Salak* x *Gouldii*—Yellow to brown. 1½" 1.50
3" 5.00
- 500—*Hawaii-Chrysotoxum* x *Gouldii*—Deep red-purple. 1½" 1.50
3" 5.00
- 501—*May Neal* x *Gouldii*—Deep yellow with darker tips. Cp. 7.50 1½" 1.50 3" 5.00
4" 8.00 5" 10.00
- 502—*Kukui* x *Gouldii*—Yellow to lavender-bronze. Cp. 7.50
1½" 1.50
- 503—*Gouldii* x *Ethel Kawamoto A.M.-H.O.S.*—Deep yellow with chocolate tips. Cp. 7.50
1½" 1.50
- 504—*Tokai Fiji* x *Gouldii*—Deep green-yellow. 1½" 1.50
- 505—*Eloise Shioi* (*Undulatum* x *Gouldii*)—Yellow to brown; long spikes. 3" 5.00
4" 8.00

- 506—*Beach Girl* x *Gouldii*—Large yellow-bronze. 1½" 1.50
2" 2.50
- 507—*Bronze Queen* x *Gouldii Saipan var.*—Deep green-yellow to bronze. 1½" 1.50
2" 2.50
- 508—*Queensland* x *Gouldii*—Dark lavender to bronze. 1½" 1.50
2" 2.50

GROUP VI-B—*Dendrobium* Hybrids

New this year these crosses involve the rare blue forms of *Gouldii*. This species was practically unknown three years ago. It offers great promise.

- 509—*Robbie Camp* x *Gouldii Acutum*—Deep purple-blue. 1½" 1.50
- 510—*100th Battalion* x *Gouldii Acutum*—Very dark in color; purple-blue. 1½" 1.50
- 511—*Blue Boy* x *Gouldii Acutum*—Deep purple-blue. 1½" 1.50
- 512—*Sunda Island* x *Gouldii Acutum*—Light sky blue and white. 1½" 1.50
- 513—*Neo Hawaii* x *Gouldii Acutum*—Lavender-blue; medium size. 1½" 1.50
- 514—*May Neal* x *Gouldii Blue var.*—Dark purple to deep bronze. Cp. 7.50 1½" 1.50 3" 5.00
- 515—*Neo Hawaii var. Seafoam* x *Gouldii Blue var.*—Light blue flush over white. 1½" 1.50
3" 5.00
- 516—*Salak* x *Gouldii Blue var.*—Deep purple-blue to bronze. 1½" 1.50
3" 5.00
- 517—*Phal. Schroderianum Alba* x *Gouldii Blue*—Light to medium lavender-blue. 1½" 1.50
3" 5.00
- 518—*Owen Yellow var.* x *Gouldii Blue var.*—Hard to predict; yellow to blue. Cp. 7.50
1½" 1.50
- 519—*Joan Tani* x *Gouldii Blue var.*—Deep purple-blue to bronze. Cp. 7.50
1½" 1.50
- 520—*Grace Goo* x *Gouldii Blue var.*—Very dark colors; many blues. Cp. 7.50
1½" 1.50
- 521—*Blue Hawaii* x *Gouldii Blue var.*—Deep purple-blue. Cp. 7.50
1½" 1.50
- 522—*Mildred Kazumura var. Ivory* x *Gouldii Blue var.*—Light cream, sky blue markings. Cp. 7.50
1½" 1.50
- 523—*Gouldii Blue var.* x *Self*—A chance to obtain this rare species from seed. Cp. 7.50
1½" 1.50
- 524—*Louis Bleriot* x *Gouldii Blue var.*—Very dark purple-blue. Cp. 7.50
1½" 1.50
- 525—*Walter Carter* x *Gouldii Blue var.*—White, light blue markings. Cp. 7.50
1½" 1.50

GROUP VII—*Dendrobium* Hybrids

In this we feature *Dend. Toftii* as the primary parent. A rare species until recently, it produces very large flowers with a big wide lip. Shape very similar to the *Taurinum* section.

- 526—*Mildred Kazumura* x *Toftii*—Deep lavender to blue-lavender. 1½" 1.50
2" 2.50
- 527—*Blue Boy* x *Toftii*—Principally blue to blue-lavender. 1½" 1.50
2" 2.50

GROUP VII—DENDROBIUM HYBRIDS (Cont'd)

- | | | | |
|--|----------|---------|----------|
| 528—Louisea x Toftii —Two excellent blue parents. Should give good blues. | | | |
| 1½" | 1.50 | 2" 2.50 | 3" 5.00 |
| 529—T. Kodama x Toftii —Large dark purple flowers. | | | |
| | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 530—Shibata x Toftii —Very dark lavender-bronze. | | | |
| Cp. 7.50 | 1½" 1.50 | 2" 2.50 | |
| 531—Neo-Hawaii x Toftii —Lavender; very free flowering. | | | |
| | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 532—Caesar x Toftii —White, lighter blue markings. | | | |
| | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 533—Tokai Fiji x Toftii —Green to yellow-bronze. | | | |
| | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 534—May Neal x Toftii —Bronze-yellow to lavender-bronze. | | | |
| | | | 1½" 1.50 |
| 535—Colin Potter (Phal. Mauna Kea x Toftii) —Medium lavender; large flower. | | | |
| | | | Cp. 7.50 |
| | | | 1½" 1.50 |
| 536—Joanne Sawers x Toftii —Cream to bronze and blue. | | | |
| | | | 1½" 1.50 |
| 537—442nd Infantry x Toftii —Two fine blues. Should produce large blue. | | | |
| | | | 1½" 1.50 |

GROUP VIII—Dendrobium Hybrids

This features Dend. Schuleri, and its hybrids. These have become very popular. They produce large flowers, good texture, long sprays. Dend. May Neal proving to be probably the most popular hybrid raised in recent years.

- | | | | |
|--|----------------|-------------|-----------------|
| 538—May Neal x Shibata —Exceptionally large; yellow to green. | | | |
| Cp. 7.50 | 1½" | 1.50 | 2" 2.50 |
| | 3" 5.00 | | 4" 8.50 |
| 539—Beach Girl x Taurinum —Deep lavender-bronze to dark purple. | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 540—May Neal x Taurinum —Similar to #539. | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 541—May Neal Blue Var. x Veratrifolium —Should produce a good blue. | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 542—Joanne Sawers x Schuleri Thomas var. —A new, fine yellow. | | | 1½" 1.50 |
| 543—Caesar x Schuleri Thomas var. —Bronze to lavender-bronze. | | | 1½" 1.50 |
| 544—May Neal Blue var. x Mountain Haze Blue var. —A fine new blue. | | | 1½" 1.50 |
| 545—Caesar x May Neal —Very large lavender-bronze. | | | 3" 5.00 |
| 546—May Neal x Alice Spaulding —Large green-yellow to bronze. | | | 1½" 1.50 |
| | 3" 5.00 | | 4" 8.00 |
| 547—May Neal x Dana —Large green. | | | 3" 5.00 |
| 548—May Neal x Tokai Fiji var. —Deep green-yellow. | | | 1½" 1.50 |
| | | | 2" 2.50 |
| 549—Owen x May Neal —Bronze to lavender-bronze. | | | 1½" 1.50 |
| | | | 3" 5.00 |
| 550—Shibata x Schuleri Thomas var. —Large, green to yellow. | | | 1½" 1.50 |
| | | | 3" 5.00 |
| 551—Joanne Sawers x May Neal —Cream to chartreuse. | | | 1½" 1.50 |
| | | | 3" 5.00 |



No. 554—Dendrobium May Neal

- | | | | |
|--|------|-----|------|
| 552—Salak x May Neal—Brown to bronze-yellow. | | 1½" | 1.50 |
| | | 3" | 5.00 |
| 553—Ethel Kawamoto A.M.-H.O.S. x May Neal—Very large yellow-green. | | | |
| Cp. | 7.50 | 1½" | 1.50 |
| | | 3" | 5.00 |
| 554—May Neal x May Neal—Many fine Schuleri types; green to bronze. | | Cp. | 7.50 |
| | | 1½" | 1.50 |
| 555—Alice Hong x May Neal—Dark lavender. | | Cp. | 7.50 |
| | | 1½" | 1.50 |
| 556—May Neal var. "Copper King" x Dr. Krause—Large yellow-bronze. | | 1½" | 1.50 |

GROUP IX—Dendrobium Hybrids

The feature parents here are the rare Dend. Aeries hybrids. Best known is the fine green Dend. Janice Tanaka. Shape is like Taurinum but they contain some wonderful green and dark lavender colors.

- | | | | |
|--|-----------|------|------|
| 557—Undulatum x Janice Tanaka—Yellow to green. | | | |
| Cp. 7.50 | 1½" | 1.50 | 2" |
| | 3" | 5.00 | 4" |
| | | | 8.50 |
| 558—Shibata x Janice Tanaka—Yellow to green. | 1½" | 1.50 | |
| 2" | 2.50 | 3" | 5.00 |
| | | | 4" |
| | | | 8.50 |
| 559—Janice Tanaka x Self—Some fine things. | Many like | | |
| the rare Aeris parent. | 1½" | 2.00 | |
| | 2" | 3.00 | |
| 560—Taurinum x Janice Tanaka—Deep bronze-purple. | | | |
| | 1½" | 1.50 | |
| | 2" | 2.50 | |
| 561—Strattokai x Janice Tanaka—Green to yellow, flushed purple. | | | |
| | 1½" | 1.50 | |
| | 2" | 2.50 | |
| 562—T. Kodama x Janice Tanaka—Peach to pale yellow. | | | |
| 1½" | 1.50 | 2" | 2.50 |
| | | | 3" |
| | | | 5.00 |
| 563—T. Shioi x Janice Tanaka—Very dark bronze-yellow. | | | |
| | 1½" | 1.50 | |
| | 2" | 2.50 | |
| 564—Hawaii Nui x Janice Tanaka—Deep lavender-bronze. | | | |
| | 1½" | 1.50 | |
| | 2" | 2.50 | |
| 565—442nd Infantry x Janice Tanaka—Dark purple to lavender-bronze. | | | |
| | 1½" | 1.50 | |
| 2" | 2.50 | 3" | 5.00 |
| | | | 4" |
| | | | 8.00 |

- 566—Alice Spaulding x Janice Tanaka—Deep green with dark purple markings. 1½" 1.50
3" 5.00
- 567—Sander's Crimson x Janice Tanaka—Dark lavender-purple. 3½" 7.50
- 568—Maui x Janice Tanaka—Various shades of lavender. 1½" 1.50
- 569—Bernice x Janice Tanaka—Yellow to lavender-bronze. 1½" 1.50
2" 2.50
- 570—Helen Bromley x Janice Tanaka—Yellow to bronze. 1½" 1.50
2" 2.50
- 571—Owen x Janice Tanaka—Lavender-bronze to yellow. 1½" 1.50 2" 2.50 3" 5.00
- 572—May Neal x Janice Tanaka—Large yellow to bronze. Cp. 7.50 2" 2.50
1½" 1"50 3" 5.00
- 573—Bacchus var. Goddess of Wine x Janice Tanaka—Very dark wine-purple. 1½" 2.00
- 574—Vicki x Janice Tanaka—Green to yellow-bronze. 1½" 1.50
3" 5.00
- 575—Grace Goo x Janice Tanaka—Yellow to bronze. Cp. 7.50
1½" 1.50
- 576—Gouldii Blue var. x Janice Tanaka—Dark purple-bronze. Cp. 7.50
1½" 1.50
- 577—Jacqueline Thomas x Janice Tanaka—Yellow to lavender-bronze. 1½" 1.50
- 578—Phalaenopsis-Chrysotoxum x Janice Tanaka—Very dark lavender to bronze. 1½" 1.50
2" 2.50
- 579—Skylark x Dana Blue var.—High proportion of blues. 1½" 1.50
- 580—Janice Tanaka x Gouldii—Dark yellow-bronze. 1½" 1.50

GROUP X—Miscellaneous Dendrobium Hybrids

- 581—Woodlawn (Spectabile x Atroviolaceum)—A very rare and bizarre hybrid of the Spectabile type. 3" 5.00 4" 8.50 5" 12.50
- 582—Tamagawa (Cybele x Lady Colman var. King George F.C.C.)—A deep yellow nobile type. 2½" 3.50
Flowering size 12.50
- 583—Tamagawa x Thwaitesiae—Another fine yellow nobile type. 2" 2.50
3" 5.00
- 584—Nelly Sander (Dearei x Formosum)—Like large white ginger blossoms; lasts for weeks in perfection. 4" 10.00
5" 15.00
- 585—Nestor x Superbum Gigantum—A large dark purple Superbum type. 1½" 1.50
2" 2.50
- 586—Atroviolaceum x Macrophyllum—Cream white with violet spotting; very heavy texture. 1½" 2.00 2" 3.50 3" 6.00
- 587—Hilderbrandtii x Thwaitesiae Veitch var.—Very free-flowering yellow nobile type. 2" 3.00
3" 6.00
- 588—Nestor (Parishii x Superbum)—Very dark purple; heavy texture. 3" 5.00
- 588A—Plumptonense (Cybele x Nobile)—The best hybrid produced to date in the nobile group. Flowers freely even in warm climates. Large lavender flowers, black-purple lip. Flowering size 10.00

EPIDENDRUM

A most diverse genus of plants from the new world, of very easy culture. They require similar conditions to Cattleyas but more light. They are divided into two distinct groups; reed stem types and those with pseudobulbs.

- 589—Alatum (Guatemala)—Summer. Pseudobulbous type, stems terminal, long spikes of green-brown flowers. Flowering size logs. 5.00
- 590—Ciliare (Tropical America)—Fall and winter. Pseudobulbous growth like Cattleya. Lovely green and white flowers. Flowering size logs 3.50
Speciment baskets 10.00
- 590A—Cinnabarinum (Brazil)—This is the finest reed stem Epidendrum in existence. Our stock all propagated from one super plant. Very large flowers; cinnabar red. 4" 3.50
5" 5.00
- 591—Difforme (Tropical America)—Reed stem; lovely green flowers that appear to be carved out of jade. 4" 8.50
5" 12.50
- 592—Atropurpureum (Tropical America)—Spring. One of the most popular species in the Encyclia group. Deep rose and purple flowers. 4-5" 7.50
Flowering size logs 7.50
- 593—Radicans (Central America)—Reed stem. Bright orange flowers of very easy culture. 4" 2.50
- 594—Radicans var. Braceyi—A much improved type. Flowers deep orange-red. 4" 3.00
- 595—Radicans var. Boyelei—A fuchsia-colored form. 4" 3.00
- 596—Sacutum (Puerto Rico)—Reed stem. Lovely heads of tiny lavender flowers. 4" 3.50
Logs 3.50
- 597—Rigidum (Tropical America)—Semi-bulbous; long stiff green leaves. Many small green-white flowers on branched spikes. Flowering size on logs 7.50
- 598—Stamfordianum (Honduras)—Distinct type with spikes from base of pseudobulbs. Straw yellow, marked red. Flowering size on logs 5.00
- 599—Tampense (Tropical America)—Small pseudobulbs; many flowering spikes of yellowish-brown flowers. Flowering size on logs 2.50
- 600—Betty Mae x Oncidiodes—Two lovely parents crossed to produce a free flowering yellow to bronze hybrid. 4" 6.50
5" 8.50
- 601—Riatea (Atropurpureum Rosea x Selligera)—Deep purple-bronze with a rose-colored lip. 4" 6.50
5" 8.50



No. 590—Epidendrum Ciliare



Hawaiian Reed Stem Epidendrum in the Garden

HAWAIIAN REED STEM EPIDENDRUM

Probably there is no other orchid plant, nor for that matter any other plant including roadside weeds, that can be so simply cultivated. We have customers write back and say "My Epi has been in flower for six months. Now another spike is ready to open. Don't they ever stop blooming?" Truly, under good culture they don't. We can't say enough good things about these little fellows.

What is new about them?—In the first place their color range covers the whole spectrum of the rainbow except for blue. Remember just a few years back when all we could offer were red and orange? Now you can have a riot of colors. In the second place, the size of the heads! The old types only had five to ten flowers open in the head. These new ones have fifteen to thirty or more. In the third place, the neatness of growth! The old ones were rambling plants that were hard to train. The new hybrids contain stiff upright stems.

Culture: Anyone can grow them. They want good light. Should never get bone dry. Fertilize with a liquid solution once every two weeks.



No. 602—Hawaiian Reed Stem Epidendrum Hybrids

Pot them in a rich compost of an organic nature; old osmunda, oak mold, peat moss, garden loam sand, all mixed together in equal proportions. Pot them like a soil plant in about 6" pots. For garden culture, plant them in well-drained beds using a similar compost in full morning sun.

602—Rainbow Hybrids—Colors: Buff, geranium red, rose pink, yellow, rose, coral rose, lavender, peach, light lavender, dusty rose, fuchsia, red. 4-5" pots. ea. 2.00
Per dozen 20.00

(Unpotted Aerial Plantlets (Keikis) ea. .75
Per dozen 6.00

Selected Hybrids—These are individuals selected from thousands as having just a little bit more of everything: better growth, better color, larger flowers. We have given them garden names for identification. They represent the best to be had.

603—Kokee—The lovely little white hybrid. 5" 7.50

604—Orange Glow (O'Brienanum x Cinnabarinum)—Exceptional size to the individual flowers. Bright salmon orange. 5" 7.50

606—Eggshell—Large heads with eggshell color. Bright yellow spot on the lip. 4" 3.50
5" 5.00

607—Butter Ball—Deep, even butter yellow. Exceptionally large heads of 30-40 flowers. 4" 3.50
5" 5.00

608—Hilo Rose—Dark red-rose color. Very large flower and good heads. 4" 3.50
5" 5.00

609—Brilliance—Very bright burnt orange. 30-40 flowers in a head. 4" 3.50
5" 5.00

610—King Lavender—Deep lavender with white center to the lip. Very large heads. 4" 3.50
5" 5.00



No. 602—Hawaiian Reed Stem Epidendrum, Pink



No. 617—Grammatophyllum Scriptum

611—Lilac Queen var. Perfection—Lovely baby pink-lavender. 4" 6.50

612—Coral Head—Fine heads in coral shades, bright yellow area in the lip. 4" 5.00

613—Dwarf Orange—Low growing. Bright orange-yellow. 4" 5.00

614—Fire Engine—Large size. Bright red. 4" 7.50

EPI-CATTLEYA

Hybrids between Epidendrum and Cattleya. All have reed stem growth. Flowers larger than a normal reed stem Epidendrum.

615—Orpetii (C. Amethystoglossa x E. O'Brienanum)—Lovely deep fuchsia colored flowers. 3½" 3.50
5" 7.50

616—Valencia (C. Labiata x E. Brachiphyllum)—Deep burnt orange. Fine heads. 4" 5.00

GRAMMATOPHYLLUM

A large genus of orchids closely allied to Cymbidiums widely found over the Pacific region. Culture as for Cymbidiums except they should be potted in either osmunda or tree fern. Grow in the warm house.

617—Scriptum (Philippines)—Long spikes of green and brown flowers closely set on the stem. A most striking specimen plant. 1½" 1.50
2" 2.50

Specimens 25.00-35.00

618—Scriptum var. Tigrinum (Philippines)—A larger-flowered form. White with black-purple spotting. Baskets 35.00

ERIA

A genus that is very polymorphic. Principally from the Philippine Islands. Culture as for *Oncidium*s but not quite so dry.

620—Convallariodes—Long spikes of small white flowers that resemble Lily-of-the-Valley. Fragrant, very charming pot plant. 4-5" 5.00

621—Ornata—Round bulbs with several heavy green leaves. Long spikes with brilliant orange bracts. On logs 7.50

622—Species unidentified—Upright stems with beautiful foliage. Flowers closely set in the leaves, white with yellow. 6" 7.50

LAELIA

Closely allied to *Cattleyas* and truly one of the best genera. Culture same as for *Cattleyas* but more light.

623—Anceps (Mexico)—Winter. One orchid that should be in every amateur collection. Long spikes with 2-6 large lavender flowers. Of the easiest possible culture.

Flowering size on logs 2.50-3.50

624—Anceps Alba—The white form of the above. Flowering size on logs 10.00

625—Anceps var. Stella—Sepals and petals white. Lip white with rose markings. Throat yellow with purple line. 3-4 bulbs 7.50

625A—Anceps var. Sanderiana—White with purple lip. A lovely type, exceptionally large flowers. 1½" 1.00

626—Amoena (Anceps x Pumila Praestons)—A *Laelia* hybrid of exceptional shape and color. Dark lavender. 2" 2.50
3" 4.00 4" 7.50 5" 10.00

627—Flava (Brazil)—Clear butter yellow. 5-7 flowers on upright spikes. 4" 8.50

628—Gouldiana (Mexico)—Fall. Long spikes, 3-7 deep purple colored flowers. Flowering size on logs 7.50

629—Autumnalis (Mexico)—Fall. Similar to #628 except the flowers are bright rose-lavender.

Flowering size on logs 7.50

630—Peduncularis (Mexico)—Dwarf. Long spikes; rose-lavender flowers of exquisite shape.

Flowering size on logs 3.50

631—Rubescens (Mexico)—Like #630 but rose-purple in color. 5" 5.00

LAELIOCATTLEYAS

Hybrids between *Laelia* and *Cattleya*. Of a stronger constitution than *Cattleyas* and usually of more intense color. Culture as for *Cattleyas*.

632—C. Granulosa Schofieldiana x LC. S. J. Bracey—Deep green to bright yellow and bronze. Red lip. Very heavy texture. 3" 5.00
4" 8.50

633—LC. Waikiki Baby (C. Harrisoniana x LC. Bodicea var. Regina)—Excellent shape; tremendous production; lovely pastel to deep rose flowers. Lip bright yellow in throat. 3" 4.00 4" 7.50 5" 10.00

634—L. Crispa x LC. Yasmin Bronze var.—Many flowers to a spike. Color hard to predict, probably great range, lavender, peach, yellow, bronze. 3" 4.00 4" 7.50 5" 10.00

635—C. Guatemalensis x L. Flava—A cluster type of bright golden yellow to orange. 3" 7.50
4" 10.00

636—C. Ardmore Alba x LC. Gatton Glory—Large size Alba with dark purple lip. 3" 4.00
4" 6.50



No. 638—*Laeliocattleya Biceps*

637—LC. Hawaiian Sunset (C. Bicolor x LC. Calizona)—A beautiful small *Cattleya*. Rich red-bronze to gold flush colors. Bright red lip. 5" 15.00

638—LC. Biceps (L. Anceps x C. Bicolor)—Rich red-lavender, bronze flush. Like a giant *anceps*. 4" 6.50

639—LC. Isotta (C. Bicolor x LC. Sargon W'Birt var.)—A deep lavender-bronze of wonderful size and shape. 1½" 2.00 3" 5.00
2" 3.50 4" 8.50

640—C. Guttata Leopoldi x LC. Calizona—Yellow to green spotted purple. Many flowers to a spike. 1½" 2.00 2" 3.50 3" 5.00

641—LC. Chitose Kodama (LC. Dorothy Fried x C. Jicarillo)—A proven cross of fine merit. Beautiful shape. Lavender sepals and petals, deep purple lip. Fall and winter. 3" 7.50-10.00



No. 641—*Laeliocattleya Chitose Kodama*

No. 645—*Laeliocattleya Christine*

642—*LC. Kay Horikawa* (*Mimbreno* x *Sam Houston*)—A fine quality exhibition type. Dark lustrous lip. Fall and winter. 3½" 7.50

643—*LC. Christine Kodama* (*LC. Sam Houston* x *C. Tityus W'Birt* var.)—Another hybrid of fine merit. Deep rose-lavender. Fine shape and texture. 3" 5.00 3½" 7.50 4" 10.00

644—*LC. Iolani* (*Lady May* x *Dorothy Fried*)—Very fine exhibition type. Lavender, excellent shape. 3" 5.00

645—*LC. Christine* (*C. Triumphans* x *LC. Canberra Stonehurst* var.)—A beautiful yellow to orange, bright red lip. 1½" 2.50 4" 10.00 2" 3.50 5" 15.00

646—*LC. Hanalei* (*LC. Dorothy Fried* x *C. Dinah A.M.-R.H.S.*)—A proven exhibition type. Beautiful shape. Bright rose-lavender. 3" 5.00 3½" 8.00 4" 12.50

647—*LC. Thora-Lindora* x *LC. Hilo*—Large *Sargon* type. Dark color. Fall and winter. 3" 7.50 4" 10.00

648—*LC. Tuscan* x *C. Gigas*—Very heavy texture and intense dark lavender color. Fall flowering. 3" 4.00 4" 8.50

649—(*LC. Eltrick* x *Gen. Maude* var. *Victory*) x *C. Dowiana Aurea*—Expect some exceptional yellows and bronzes of large size with full lips. Summer and fall. 1½" 1.50 2" 2.50 3" 7.50 4" 12.50

650—*LC. Britannia Alba* x *C. Estelle Alba*—Hard to predict. Probably pale pastel sepals and petals with dark lip, possibly some *Albas*. 1½" 1.50 2" 2.50 3" 5.00 4" 10.00

651—*LC. Tuscan* x *LC. Balkis* var. *Superba*—Very dark lavender with excellent shape and substance. Fall to winter. 1½" 2.00 2" 3.50

652—*C. Tityus* x *LC. Amneris*—Another hybrid that will win blue ribbons at future shows. 1½" 2.00 2" 3.50

653—*LC. Sargon* x *LC. Sunburn*—A yellow-lavender combination of excellent parentage. Deep red, lavender-bronze. 1½" 2.00 2" 3.00

654—*LC. Mysedo* var. *Miya* x *LC. Dorothy Fried* var. *Compacta*—Finer parents would be hard to obtain. Dark red, bronze-lavender of fine shape. 1½" 2.00 2" 3.50

655—*LC. Blanchette Alba* x *C. Hadyana Alba*—White sepals and petals with rich red-purple lip. Excellent shape and large size. 2" 2.50 3" 5.00

656—*C. Annie J. Lines* x *LC. Gitche Manito* var. *Splendor*—Intense dark lavender. Large size exhibition quality. The *LC.* parent is a tetraploid. 4" 12.50

657—*LC. Queen Mary F.C.C.-R.H.S.* x *LC. Mrs. Medo Node* var.—A perfect large lavender crossed to one of the best yellow studs. 3" 10.00

658—*LC. Tartan* x *C. Labiata*—Dark lavender-purple. Very large flower of heavy fall production. 3½" 5.00

659—*C. Triumphans* x *L. Flava*—Deep butter yellow; long spikes. Like a large *Flava*. 4" 8.50

660—*LC. California* var. *Rosy Morn* x *C. Octave Doin-Mossiae*—Excellent shape; bright rose purple. Winter to spring. 2" 2.50

661—*LC. Elissa* x *C. Harrisoniana*—A cluster type; 4-5"; of good lavender color. Excellent shape. 1½" 1.50 2" 2.50

662—*LC. Lustre W'Birt* var. x *LC. Tuscan*—Very large dark-colored flower. Fall and winter. 1½" 2.00 2" 3.50

No. 646—*Laeliocattleya Hanalei*

LAELIOCATTELYAS (Cont'd)

663—C. Hardyana Alba x LC. Hassallii Alba—Clear white sepals and petals with rich purple lip. Spring to early summer.
2" 2.00
3" 5.00

664—LC. Queen Mary var. Cumins x LC. Dorothy Fried var. Compacta—Two of the finest lavender exhibition plants in Hawaii are the parents. Progeny should be equally good. Fall and winter.
1½" 2.00 2" 3.50 2½" 5.00

665—LC. Christine x LC. Balkis var. Superba—Another of those fine yellow-lavender combinations. Deep red-lavender result. Fall and winter.
1½" 2.00
2" 3.50

666—LC. Balkis var. Superba x LC. Eva Robinson—Excellent exhibition type. Rose-lavender sepals and petals, dark lip. Fall and winter.
1½" 2.00
2" 3.00

667—LC. Boccno x LC. Dorothy Kodama—Excellent shape. Large, heavy textured, lavender.
1½" 2.00
2" 3.50

668—C. Enid x LC. Bocono—Similar to #667. 1½" 2.00

669—LC. Thebes var. Bronze King x LC. Nuuanu var. Ishii—A yellow to bronze of excellent potentiality. Thebes parent is a proven one and the Nuuanu one of the best yellows ever produced in Hawaii.
1½" 2.00
2" 3.50

670—C. Enid var. Amazon x LC. Woodstar—Exceptional size and bright lavender color. Winter and spring.
1½" 1.50
2" 2.50

671—LC. Kaumana x LC. S. J. Bracey—Bright orange yellow; very vigorous. 1½" 2.00

672—LC. Edith Wilkie x LC. Canberra Stonehurst var.—Another of those terrific lavender-yellow combinations resulting in deep lavender-bronze. 1½" 2.00

673—LC. Myallace (LC. Kitty Wallace x LC. Mysia)—Excellent shape; lavender sepals and petals with dark lip.
5" 25.00

674—SLC. Nanette (SLC. Meuse x C. Dinah)—Red lavender; medium size; very heavy texture. 5" 25.00

675—LC. Nuuanu x C. Orion—Very heavy textured yellow to orange-bronze with red lip.
2" 3.50
3" 6.50

676—LC. Balkis var. Superba x LC. South Esk var. Empress—Two of the best exhibition type lavenders. Large well shaped flowers. Lavender, darker lip. 1½" 2.00

677—LC. San Jacinto (LC. Santa Claus x C. Thorout)—Very large free flowering lavender with a rich purple lip. Excellent texture. 5" 20.00

678—C. Aslands x LC. Mysedo var. Miya—A very dark lavender of excellent size and shape. 1½" 2.00

679—LC. Mysedo var. Miya x Self—A selfing of this beautiful red-bronze hybrid. Will probably segregate for yellow and bronze. 1½" 3.00

680—LC. Morvyth Magnifica x C. Gay Gordon—Very dark lavender of excellent size and substance. 6" 17.50

681—L. Flava x LC. Windernere—The bright yellow Flava crossed to a perfect shaped large exhibition hybrid. Try it. We might all get a surprise! 1½" 2.50

682—LC. Mrs. Medo x LC. Balkis var. Superba—Another of those super lavender-yellow combinations. 2" 3.50

683—SLC. Rainbow Hill x LC. Mrs. Medo A.M.-R.H.S.—A fine Sophro of very rich color; yellow to red-bronze. 1½" 3.00

684—LC. S. J. Bracey x SLC. Rainbow Hill—Equally good and similar to #683. 1½" 3.00

685—LC. Mimbreno Silvas var. (LC. Sargon x C. Octave Doin)—Very heavy texture. White, light purple flush, large Sargon type. 5" 35.00

686—LC. Edith Wilkie (LC. Mrs. Harold Lloyd x C. Dinah A.M.-R.H.S.)—A fine selection of this well known hybrid. Excellent shape; light lavender sepals and petals, dark lip. 5" 15.00

687—LC. Alexandra Endicott (LC. Alexandra Sunset x C.S.E. Endicott)—Rich salmon color of good size and shape. 5" 30.00

688—LC. Sunflame (LC. Gabrielle Petit x LC. Mrs. Medo)—Bright yellow sepals and petals, rich lavender lip. 5" 15.00

689—SLC. Sunset Cloud (SLC. Rainbow Hill x C. Dowiana Aurea)—Bright orange-red. Good size, texture, and shape. Selected forms 35.00 and 50.00

LIPARIS

A genus of widely distributed orchids. They like the shaded part of the Cattleya house. Pot in Osmunda or Hawaiian tree fern. Never let them go dry. Of very easy culture.

690—Bis-Striata (Burma)—Stem-like pseudobulbs 6-10" high. Terminal spikes of tiny green-yellow flowers. A charming botanical. Flowering size on logs 7.50
4" 5.00

LYCASTE

Every amateur collection should have at least one plant of these. They do not require much heat. Plenty of water during active growth. A decided rest when dormant.

691—Aromatica (Mexico)—Winter. Fragrant golden yellow flowers. Smells like cinnamon. 4" 5.00

692—Candida (Colombia)—Spring. Pale green, rose markings. Logs 5.00

693—Macrophylla (Central America)—Winter. Olive green, pink lip. Very large flowers. 6" 7.50

MAXILLARIA

A genus widely distributed in tropical America. They are widely divergent of type. Culture is similar to that given Lycaste.

694—Camaridii (Panama)—Long creeping rizomes. Beautiful pure white flowers along the leaves when in new growth. Flowering size on logs 7.50



No. 693—Lycaste Macrophylla

MILTONIA

We grow only those that can stand the warm climates. Closely allied to *Oncidium*. They are beautiful plants. Grow in 50% shade, never dry them severely. Pot in *Osmunda* or grow on logs. *Cattleya* house suitable.

695—Blunti (Brazil)—Lavender and white flowers of good size. 4" 7.50

696—Spectabilis (Brazil)—Large, flat flowers. White, rose flushed. Flowering size on logs 5.00

697—Moreliana (Brazil)—Beautiful black-purple in color. Truly a magnificent orchid. 5" 10.00

698—Flavescens x Clowesii—A new hybrid that should produce a most interesting flower, probably golden brown in color. 3" 4.00 4" 7.50 5" 10.00

699—Festiva x Spectabilis—Cream to light yellow with deep purple markings. 3" 4.00 4" 7.50 5" 10.00

ONCIDIUM

A group of spray orchids that can lend charm to any collection. Called the dancing ladies, they are well named. Culture is very easy. Give plenty of water when in growth, a dry resting period, 25% shade. They appreciate feeding when growing.

700—Altissimum (West Indies)—Easiest of all to grow. Long spikes, carry hundreds of golden yellow flowers. 6" 5.00
On logs 5.00



No. 708—*Oncidium Java*

701—Ampliatum (Central America)—Large, flat bulbs. Branched spikes of bright yellow flowers. On rafts 7.50
On logs 7.50

702—Blanchetii (Brazil)—Clear buttercup yellow; long spikes. On logs 4.00

703—Braceyanum—Very large flowers, bright yellow. On logs 5.00–7.50



No. 695—*Miltonia Blunti*

No. 704—*Oncidium Cheiroporum*

ONCIDIUM (Cont'd)

704—*Cheiroporum* (Panama)—A miniature of great charm, bright yellow. 3" 5.00

On logs 5.00-7.50

705—*Confusum* (Panama)—Brown and yellow; tall, upright branched spikes; vigorous grower. 6" 7.50

706—*Divaricatum* (Brazil)—Leathery grey-green foliage. Long branched spikes of bright yellow flowers. On logs 10.00

707—*Harrisonianum* (Brazil)—Miniature plant. Golden brown flowers. On logs 10.00

708—*Java* (*Flexuosum* x *Varicosum* *Rodgersii*)—A lovely hybrid with branched spikes of bright yellow flowers. 4" 5.00

709—*Kunawai* (*Flexuosum* x *Forbesii*)—Similar to #708, slightly larger flowers. 4" 7.50

710—*Leuchochilum* (Mexico)—Long spikes. Green, brown, and white. On logs 7.50

711—*Longipes* (Brazil)—Miniature plant; short spikes of large yellow and brown flowers. On logs 5.00

712—*Panamanensis* (Panama)—Brown and yellow. Very long spikes. On logs 5.00

713—*Pubes* (Brazil)—Small plant. Bright mahogany red and brown flowers. On logs 5.00

714—*Faye* (*Lanceanum* x *Maureen*)—*Lanceanum* coloring in a dwarf type plant. 1½" 1.50 2" 2.50 2½" 3.50

715—*Faye*—Same as #714 in flower color, but a large form with long sprays. 5" 8.50

716—*Lanceanum* (West Indies)—Yellow, shaded green, spotted brown and purple. One of the finest species. 1½" 1.50 3" 4.50

2" 2.50 6" 7.50-10.00

717—*Lanceanum* x *Brassia Braciata*—A most interesting generic hybrid between two of the best species. 2" 2.50

PHAIUS

718—*Grandifolius*—A beautiful terrestrial species. Compost same as for *Cymbidiums*. Plenty of heat and water, and feed regularly. Large flowers, 4" across. Golden brown, purple lip. Entire reverse of flower silver white. 4" 5.00

PHALAENOPSIS

Among the most beautiful of all the spray orchids. They prefer about 50% shade, and should never be allowed to go completely dry. They grow well either in pots or baskets, potted soft with osmunda or Hawaiian tree fern. They are heavy feeders and should be fertilized regularly with nutrient solution. They seem to respond exceptionally well to the organic fish emulsion type of fertilizer. Temperatures should be even, not less than 60 degrees F. minimum, with 70% humidity. If the above conditions can be supplied, they are among the easiest of all orchids to grow. They reach maturity from seedlings very rapidly.

719—*Jane L. Kingsbury* x *Monique*—A very large, heavy textured white of beautiful round shape. 3" 5.00 4" 7.50 5" 10.00

720—*Grandiflora* x *Nivea*—Perfection of shape in this cross. Pure white flowers, 3-4" across. 3" 5.00

721—*Atala* x *Grandiflora*—A large flowered white of beautiful shape. 2" 2.50 3" 5.00

722—*Atala* x *Jane L. Kingsbury*—Exceptional size, white, very heavy texture. 2" 2.50 3" 5.00

723—*San Marino* [*Gilles Gratiot* x (*Grandiflora* x *Gilles Gratiot*)]—An excellent white of proven quality. 1½" 1.50 2" 2.50

724—*Jane L. Kingsbury* x *Gilles Gratiot*—A very large white. Some up to 5". 3" 5.00 4" 7.50

725—*Stuartiana* (Philippines)—A fine species of medium size. White, heavily spotted golden brown. Large branching spikes. 3" 5.00 7" 10.00

726—(Pink #44) x *Jane L. Kingsbury*—We hope to produce a large pink here. The #44 has exceptional color. However, first to flower have been white. 3" 5.00 4" 7.50



Phalaenopsis Hi-Ho
(Parent of #731 and #732)

727—Venus x La Canada—A new white, an excellent potential. Both parents have perfection of shape, heavy texture, and very large size.
1½" 1.50
2" 2.50

728—Jane L. Kingsbury x (White 4½" size)—Both parents very large whites. This is one of the crosses aimed to produce the 5" whites everyone wants.
1½" 1.50
2" 2.50

729—Fountainbleu x Schilleriana—Medium size; large-branched spikes of dark lavender-pink.
1½" 1.50
2" 2.50

730—Monique x Purple Queen—This should produce an exceptionally dark pink hybrid. Color deep lavender-pink.
1½" 1.50
2" 2.50

731—Hi Ho x Doris

732—Hi Ho x San Marino

733—San Marino x Emogene Kono

The three above crosses all have one aim, to produce the largest possible white of fine shape. All have an excellent potential.
1½" 1.50
2" 2.50

734—Esmeralda (Burma)—A dwarf, pink-to-dark-purple species. Quite a distinct novelty.
2" 3.50 3" 5.00 On logs 5.00

735—Buysoniana—A long spike of clear rose-pink. A fine species.
6" 10.00

PHOLIDOTA

Allied to Coelogyne and requiring similar culture. A curious genus with its long terminal racemes of curious flowers carried in such a manner that they resemble the rattle on a rattlesnake. Hence the name rattlesnake orchid.

736—Imbricata (Asia)—Stout pseudobulbs with dark green leaves 8-12" long. White flowers in perfect rattlesnake formation.
5" 5.00

PLATYCLINNIS

Plants of graceful habit that should be in every collection. They will grow well along with Cattleyas. Plenty of water when growing, a decided rest thereafter. Aptly called the chain orchid.

737—Cobbium (Philippines)—Fall. Yellow with red lip. Long chain spikes.
4" 5.00

738—Filiformis (Philippines)—Spring. Deep golden chartreuse. Often referred to as the golden chain orchid. A very dwarf-growing plant.
4" 10.00

RENANTHERA

A beautiful, brilliant and showy genus closely allied to Vandas. Culture as for Vandas but with as much light as possible.

739—Coccinea (Burma)—Large branched spikes, brick red.
Flowering size 7.50

740—Storiei (Philippines)—Large plant, huge spikes, of deep blood red.
Flowering size 15.00

741—Brookie Chandler (Storiei x Monachica)—Bright fire red with orange spots. Semi-dwarf plant. An exceptional hybrid.
Flowering size 22.50

742—Monachica (Philippines)—Orange with red spots. Branched spikes. Dwarf plant.
Flowering size 15.00

743—Alex Hawkes (Coccinea x Storiei)—Brick red to orange-red. Large flower. Semi-dwarf.
Flowering size 20.00

744—Kilauea (Storiei x Imschootiana)—Deep blood red. Semi-dwarf; fine spikes.
Flowering size 30.00



No. 741—Renanthera Brookie Chandler

SCHOMBURGKIA

Allied to Laelia, culture the same. Give plenty of light. Do not disturb by potting more often than necessary.

745—Luddemaniana (Central America)—Deep, bronze-brown, beautifully curled and waved. Long spikes with 12-15 flowers.
Flowering size on logs 7.50

746—Undulata—Long spikes, purple-brown flowers.
7" 7.50

747—L. Superbiens x S. Undulata—Chocolate-brown to lavender-bronze.
3" 5.00
4" 7.50

748—C. R. Prowe x S. Luddemaniana—A pure white Cattleya crossed with the lovely Luddemaniana. Probably yellow to gold-brown color.
3" 5.00
4" 7.50

749—S. Luddemaniana x Epidendrum Cocheleatum—A unique novelty combination. Green to yellow with dark purple lip.
4" 7.50

750—S. Luddemaniana x BC. Leemanae—Dark bronze-yellow to orange; large lip.
4" 7.50
5" 10.00

SOBRALIA

Very fine terrestrial orchids allied to Cattleyas which the flowers resemble. The flowers last one day but they flower frequently during the year. 1 ot in ½ soil, ½ old osmunda. Water and fertilize regularly. They should never get dry.

751—Leucoxantha (Panama)—Beautiful, large white flowers with a lemon yellow throat.
8-9" 12.50

752—Bouchii (Panama)—Similar to #751 but of smaller habit.
6" 7.50

SELENEPEDIUM

The tropical American counterpart of the Asian Cypripedium. Culture the same as for Cypripediums.

753—Caricinum (Peru)—The lovely little white species with grass-like foliage. Rare.
4" 15.00

754—Grande (Central America)—Long petals that resemble Dr. Fu Manchou. Golden brown.
7" 20.00

No. 756—*Spathoglottis Primrose*

SPATHOGLOTTIS

Terrestrial orchids of great beauty. They make excellent pot plants. Large plicated leaves with heads of flowers on long stems. Culture as for *Sobralias*, but about 25% shade.

- 755—*Elmeri* x *Plicata Alba*—Lovely rose gold bronze. 4" 2.50
 756—*Primrose*—Deep magenta-purple with cream-white tips to the sepals and petals. 4" 7.50
 757—*Primrose*—A rose-lavender form. 4" 5.00
 758—*Queen of Queens*—Dark purple with gold tips to petals and bronze flush. 4" 7.50
 759—*Purple Prince*—Dark royal purple. 4" 7.50
 760—*Primson*—Golden yellow with red-bronze flush. 4" 7.50

No. 763—*Stauroopsis Fasciata*

STANHOPEA

The flowers of this remarkable genus are large and very showy, of waxlike substance. They are often very fragrant. The plants grow best on logs as the flower spikes grow out from the bottom of the bulbs. Never plant them in a pot. When in growth they require abundant watering, drier when dormant.

- 761—*Bucephalis* (Central America)—Tawny yellow to orange with crimson-purple spots. On logs 5.00-7.50
 762—*Tigrina* (Mexico)—Giant maroon-red and yellow flowers. On logs 10.00

STAUROPSIS

Closely allied to *Vandas*. Culture the same.

- 763—*Fasciata* (Burma)—Heavy-textured flowers on short spikes. Deep tan with light bars, bearing a curious cross-shaped lip. 6" 10.00
 764—*V. Dearei* x *S. Fasciata*—A new generic combination that shows much promise. Large cream-yellow flowers. 6" 15.00 7" 17.50 8" 20.00

TRICOPELLIA

Very pretty plants. They like light and should be shaded only during the summer. Not in osmunda. When growing, give plenty of water; less when dormant.

- 765—*Suavis*—Large fragrant flowers; white, spotted pale rose. On logs 5.00
 766—*Unidentified Species*—Green sepals and petals, white lip, orange and red in throat. 4" 5.00

TRICHOGLOTTIS

A very striking genus from the Philippines allied to *Vandas*. Culture the same.

- 767—*Philippinense*—Tan-yellow with a white lip. Flowering size on logs 5.00
 768—*Philippinense* var. *Braciata*—Black-purple. Very fine. Flowering size on logs 10.00

No. 768—*Trichoglottis Philippinense* var. *Braciata*

TRICHOVANDA

Hybrids between *Vanda* and *Trichoglottis*. The only one flowered to date is the one we offer. A very rare hybrid and most beautiful. A collector's item.

- 769—Ulaula (T. Braciata x V. Sanderiana)**—Beautiful brick red flowers of heavy texture. 1½" 3.00

TRIGONIDIUM

A curious genus that looks much like *Masdevalia* except that it will grow and flower well in a warm climate. Culture as for *Oncidiums*.

- 770—Semanii (Central America)**—Single tan flowers with violet blue lip on long stem. Many flowers per plant. Flowering size on logs 2.50

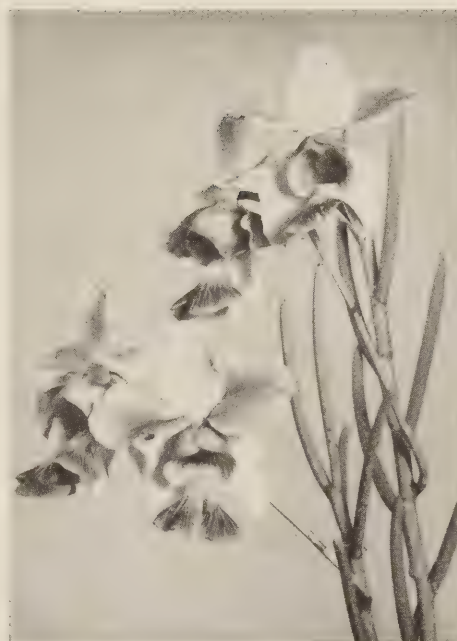
VANDA—SPECIES

A truly handsome genus distributed throughout the Pacific and Asia. In habit, they resemble *Aerides*. Culture as for *Aerides*.

- 771—Dennisoniana (Burma and India)**—Green-yellow flowers of heavy texture. 6" 10.00
772—Merrillii (Philippines)—Deep Chinese-lacquer red flowers. Very fragrant. 6" 10.00–15.00
773—Lamellata (Philippines)—Dwarf plant. Cream-yellow with purple-red. 6" 10.00
774—Parviflora (India)—White with purple crests on the lip. Very dwarf habit. 6" 10.00
775—Pumila (Burma)—Cream-white, dotted red with red stripes on the lip. 6" 10.00



No. 769—*Trichovanda Ulaula*



No. 783—*Vanda Teres*

- 776—Roeblingiana (Philippines)**—Red-brown, striped yellow. Curious three-lobed, fimbriated lip. 6" 10.00
777—Roxburghii (North India)—Pale green, tessellated with brown. Fragrant. Dwarf plant. 6" 10.00
778—Suavis (Java)—Flowers white, spotted blue-purple, lip rose purple. Fragrant. 7–8" 10.00–15.00
779—Sumatrana (Sumatra)—Deep red-brown, very heavy textured flower. 7" 25.00
780—Tricolor (Java)—Similar to *Suavis*. Flowers yellow to cream, spotted red-brown, magenta-purple lip. 7–8" 10.00–15.00
781—Luzonica (Luzon)—White, flushed magenta-purple, purple lip. 7–8" 10.00–15.00
782—Spatulata (Ceylon)—Bright canary yellow flower; small but round as a dollar. A beautiful subject and restricted from exportation in its native habitat. 6" 7.50
783—Teres (India)—Terete growth. Spring flowering. Grow inside in pots during the winter. After danger of frost is over, grow in full morning sun. Give lots of water at all times. Fertilize regularly. 12–18" stems ea. 1.50
 Per dozen 15.00
784—Teres var. Andersonii—Brilliant color. 12–18" stems ea. 3.50
785—Teres var. Gigantea—Largest flower. 12–18" stems ea. 3.50
786—Teres var. Grandiflora—Beautiful shape. 12–18" stems ea. 3.50
787—Teres var. Candida—Pure white. 12–18" stems ea. 10.00



No. 800 Vanda Bill Sutton

VANDA HYBRIDS

Unknown a few years ago, these fine subjects are now being grown by more and more people all over the world. They, along with our Dendrobium and Epidendrum hybrids, make Hawaii famous. Nowhere else in the world have these three genera reached such peaks of perfection.

Culture: Strap-leaf Vandas are of easy culture, including the temperate zone glasshouses. Reports back on our plants indicate amateurs the world over, including far Northern latitudes, are flowering them with ease and great success. Temperature requirements are the same as for Cattleyas; namely, 58 degrees F. to 80 degrees F. Higher day temperatures will not harm them. They require as much light as you can give them without foliage burn. Obviously, such light intensity will vary from region to region. They are heavy feeders and should be fertilized regularly. Any good complete nutrient solution recommended for orchids will do. They like

light buoyant air, but should have at least 60-70% humidity. Potting can be done either in pots or slatted baskets. Use osmunda of hard-fibre type in pieces the size of an orange, or Hawaiian tree fern. Do not pot hard. Be sure they drain quickly. They want to be watered frequently, but to dry quickly. Obviously, hard potting is not conducive to this.

In tropical regions where the temperature does not fall below 50 degrees F., these plants can be grown outdoors. Give full morning sun, 50% shade after noon. Fertilize, water daily. Pot as described for temperate regions.

All of our plants are grown hard. Their vigor is unsurpassed. All are ready to shift to the next size pot when shipped. Vandas benefit by oversizing—therefore be liberal in selecting the pot.

If you do not find listed a variety you want, write us. We can usually quote on it.

GROUP I—Vanda Hybrids

This group consists of quality hybrids of proven merit. They can be purchased with complete confidence of the result to be obtained. Our stock is of the highest possible quality. For both the amateur and the commercial nurseryman these plants offer the best buy for your money.

789—Fair Queen (Clara S. Fisher x Rothschildiana)—A new hybrid, quite variable as to color and shape. The best of them are tops. The whole rainbow of colors.

Cp. 10.00	2" 3.00	4" 10.00
1½" 1.50	3" 6.00	5" 15.00

790—Manila (Luzonica x Sanderiana)—A proven pink of excellent quality. Very free flowering. If you want to try just one plant to start with, we recommend Manila.

1½" 1.50	3" 6.00	5" 15.00
2" 3.00	4" 10.00	6" 17.50
		7" 20.00

Selected flowering 25.00–30.00

791—Cherub (Puna x Sanderiana)—So named because it is round and pink. A fine, new hybrid.

1½" 1.50	3" 6.00	6" 17.50
2" 3.00	5" 15.00	7" 20.00

792—Joan Swearingen (Luzonica x Rothschildiana)—Variable, pink, blue. Large size.

1½" 1.50	3" 5.00	6" 12.50
2" 3.00	4" 8.50	7" 15.00

793—Waikiki (Boschii x Sanderiana)—Fine shape. A combination of pink and red with yellow to cream-white background.

1½" 1.50	3" 6.00	5" 15.00
2" 3.00	4" 10.00	6" 17.50
		7" 20.00

794—Tatzeri (Tricolor x Sanderiana)—Large flowers, rose-brown. Very free flowering.

1½" 1.50	2" 2.50	3" 5.00
4" 8.50	5" 12.50	



No. 794—Vanda Tatzeri

795—Honolulu (Frank Scudder x Sanderiana)—Variable but some exceptionally fine things. Wide range of colors including almost the rainbow.

Cp. 10.00	2" 2.50	4" 10.00
1½" 1.50	3" 5.00	5" 15.00

Selected flowering 20.00–35.00



No. 789—Vanda Fair Queen



No. 792—Vanda Joan Swearingen

No. 795—*Vanda Honolulu*

GROUP 1—VANDA HYBRIDS (Cont'd)

796—Mary Foster (Merrillii x Sanderiana)—One of the best. Round, flat flowers, red to golden brown.

1½" 1.50	3" 6.00	5" 12.50
2" 3.00	4" 8.50	7" 20.00
Selected flowering 25.00-35.00		

797—Alice Fukunaga (Mem. T. Iwasaki x Sanderiana)—Very heavy texture and large round flowers. Yellow to buff with brown. Very fine.

1½" 1.50	3" 6.00	5" 12.50	7" 17.50
2" 3.00	4" 8.50	6" 15.00	8" 20.00
Selected flowering 25.00-35.00			

798—Gertrude Miyamoto (Mem. C. Tanaka x Sanderiana)—Deep yellow to tan; fine shape and heavy texture.

3" 6.00	5" 12.50	7" 17.50
4" 8.50	6" 15.00	8" 20.00
Selected flowering 25.00-35.00		

799—Walter Dillingham (Emily Motley x Rothschildiana)—A variable hybrid, large flowers. Wide range of colors: grey, blue, apricot, salmon, etc.

grey, blue, apricot, salmon, etc.	1½"	1.00
2" 2.00	4" 8.00	6" 12.50
3" 4.00	5" 10.00	7" 15.00

800—Bill Sutton (Manila x Sanderiana)—A superior new hybrid. Deep pink with heavier marking on the lower part of the flower. Very round, large size.

Cp. 10.00	2" 2.50	4" 8.50	6" 15.00
1½" 1.50	3" 6.00	5" 12.50	7" 20.00

801—Walter Fujikami (Manila x Coerulea)—A new blue. Some of exceptional quality. Others variable as to shape.

1½" 1.50	3" 6.00	5" 12.50
2" 3.00	4" 8.50	6" 17.50
		7" 20.00

802—Sandamo (Sanderiana x Amoena)—A fine blue; good shape and quality.

1½" 1.50	2" 3.00	
3" 6.00	4" 8.50	5" 12.50

803—Ohuohu (Sanderiana x Clara S. Fisher)—A Sanderiana type of great value. Much like the species but of better flowering habit. Buff to reddish brown. Large and flat.

1½" 1.50	3" 6.00	5" 15.00
2" 3.00	4" 10.00	6" 20.00
		7-8" 25.00

804—Rothschildiana (Coerulea x Sanderiana)—An old timer but next to impossible to beat. Large flat blue to purple blue flowers. A few very rare pink forms.

1½" 1.50	3" 6.00	5" 17.50
2" 3.00	4" 12.50	6" 20.00

Selected flowering 30.00-40.00

Rare selected pink forms 40.00-75.00

Exhibition type of award quality 75.00 up, on application.

805—Ellen Noa (Dearei x Sanderiana)—Large round flowers; buff to cream and yellow.

2" 3.00	3" 6.00	4" 8.50
5" 12.50	Flowering 25.00-35.00	

806—Clara Shipman Fisher (Tatzeri x Sanderiana)—Much like V. Sanderiana. Exceptional flowering record.

1½" 1.50	2" 3.00	3" 6.00
	4" 10.00	5" 15.00

807—Afterglow (Insignis x Sanderiana)—A new hybrid in red-brown. Heavy texture and round, flat shape; large lip.

1½" 1.50	2" 3.00	3" 6.00
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808—Laukapu (Burgeffii x Sanderiana)—A Sanderiana type of large size and good shape. Pink to rose-brown.

Cp. 10.00	4" 10.00	6" 15.00
3" 6.00	5" 12.50	7" 20.00

No. 803—*Vanda Ohuohu*



No. 805—Vanda Ellen Noa

809—Ernest Fujinaga (Caroline Robinson x Sanderiana)—Very heavy texture. Lovely round flowers. A whole rainbow of colors. Exceptionally free flowering.

1½"	1.50
2"	3.00
3"	6.00
4"	8.50
5"	12.50
7-8"	20.00

Selected flowering 25.00-50.00

810—Chimy Walker (Flammerole x Sanderiana)—A variable hybrid in both shape and color. Primarily blue or pink. Large flowers.

1½"	1.25	3"	5.00	6"	15.00
2"	2.50	5"	12.50	7-8"	20.00



No. 809—Vanda Ernest Fujinaga

811—Carol Hirano (Gilbert Triboulet x Sanderiana)—Blue to pink. Large, well-shaped flowers. Some of these are exceptional.

3"	6.00
4"	10.00
5"	15.00
7-8"	20.00

812—Onomea (Rothschildiana x Sanderiana)—Large flat flowers. Rose, mauve, blue. Some exceptional things in this hybrid.

Cp.	10.00
1½"	1.50
2"	3.00
3"	6.00
4"	10.00
5"	15.00
6"	20.00

813—Kilohana (Manila x Rothschildiana)—Another very fine new hybrid. Blue, rose, mauve, to deep pink. Very fine shape.

1½"	1.50
2"	3.00
3"	6.00
4"	10.00
5"	15.00
6"	20.00
8"	25.00

814—Helen Paoa (Emily Notley x Sanderiana)—Brown to tan-yellow; good size and shape.

1½"	1.50	2"	3.00	3"	6.00
4"	8.50	5"	12.50		

815—Honolli (Sanderiana x Herziana)—Large flowers. Variable as to color and shape. Every color in the rainbow.

3"	5.00	4"	8.50	5"	12.50
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816—Henrietta Ho (Sanderiana x Sumatrana)—Large, flat flowers. Yellow-brown to buff-red; fine shape.

1½"	1.50	2"	3.00	3"	6.00
4"	10.00	7-8"	20.00		

817—Venus (Paki x Sanderiana)—Very pretty small plant. Green-brown with red lip. Good shape.

5"	7.50
7"	10.00

818—Sandcon (Concolor x Sanderiana)—Very heavy texture, medium size flowers. Deep brick-red brown.

5"	7.50
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819—Merle Kawamoto (Charlana x Sanderiana)—Pink and blue forms. Good shape.

1½"	1.50
2"	3.00
3"	6.00
5"	12.50

820—Eisenhower (Ellen Noa x Sanderiana)—Very fine shape; heavy texture. Golden brown in color.

1½"	1.50
2"	3.00
3"	6.00
4"	8.50
5"	12.50
6"	17.50
7-8"	20.00



No. 812—Vanda Onomea

859—Yolanda (Manila x Clara S. Fisher)—Pink to rose brown, heavily spotted. Large size. Good shape.

860—**Manila x Admiral Radford**—Made to produce a deep red-pink. Has fine possibilities. 2" 2.50
3" 5.00 4" 8.50 5" 10.00

861—**Burgefii x Ohuohu**—Deep pink Sanderiana type. 4" 8.00

862—**Burgefii x Admiral Radford**—Red-pink. Very heavy texture; good shape. 1½" 1.50 5" 10.00 6" 15.00

863—**Ohuohu x Sam Shearman**—Sanderiana types in green-browns. 2" 3.00
3" 5.00 4" 8.50 5" 10.00

864—**Admiral Radford x Clara S. Fisher**—Red-pink Sanderiana types. 2" 3.00
3" 5.00 4" 8.50 5" 10.00

865—**Tatzeri x Burgefii**—Two primary Sanderiana crosses, line bred to produce free flowering Sanderiana types. 4" 8.50 6" 15.00
5" 10.00 7-8" 20.00

866—**Burgefii x Clara S. Fisher**—Very similar to #865. Same purpose. 1½" 1.50
2" 3.00 4" 8.50 6" 15.00
3" 5.00 5" 10.00 7-8" 20.00

867—**Walter Dillingham x Rothschildiana**—A purple-blue to grey-purple. Large size. 1½" 1.50
2" 3.00

868—**Honolulu x Walter Dillingham**—Very similar to #867. Same purpose. 1½" 1.50
2" 3.00

869—**Trisher x Ohuohu**—Deep red-brown. Good texture and size. Cp. 10.00

870—**Mary Foster x Ohuohu**—Excellent shape, very dark red-pink. Cp. 10.00
1½" 1.50

871—**Trisher x Honolulu**—Deep red-pink; large size. Cp. 10.00

872—**Tatzeri x Ellen Noa**—Yellow-brown with red to pink spotting. 3" 5.00

873—**Annie S. Bishop x Rothschildiana**—A very large dark blue. Fine shape. 1½" 1.50 2" 3.00 3" 6.00

874—**Admiral Radford x Ohuohu**—Deep red-brown heavily spotted dark red. 1½" 1.50

875—**Sam Shearman x Ellen Noa**—Deep green-brown to yellow. Large size. 1½" 1.50

876—**Walter Dillingham x Joan Swearingen**—Deep purple-blue to mauve-lavender. 1½" 1.50
2" 3.00

877—**Ivah Mae x Ohuohu**—Very dark color; yellow with deep purple spotting. 1½" 1.50

878—**Walter Dillingham x Ohuohu**—Purple to dark blue and mauve. 1½" 1.50

879—**Ivah Mae x Walter Dillingham**—Very dark purple-blue. 1½" 1.50

880—**Mary Foster x Manila**—Deep red-pink. Large size. 1½" 1.50
2" 3.00

881—**Mary Foster x Joan Swearingen**—Deep pink to mauve. Cp. 10.00

882—**Helen Paoa x Rothschildiana**—Very unusual colors; cream flushed purple-blue. Cp. 10.00

883—**Clara S. Fisher x Mary Foster**—Sanderiana type, deeper color. Free flowering. 3" 5.00 4" 8.50 5" 10.00
6" 15.00 8" 20.00

GROUP IV—Vanda Hybrids

This group involves V. Prince Charles. This hybrid is described in the "Orchid Journal", Vol. I No. 4, April 1952. A hybrid that has wonderful color but lacks size and shape. Our crosses have used large Sanderiana hybrids and these mated to the fine colors of Prince Charles should produce some fine things. First flowerings have proved us right.

884—**Prince Charles var. Dodecathion x Clara S. Fisher**—Yellow base, deep purple-black spotting. 2" 2.50 4" 8.00 6" 15.00
3" 5.00 5" 10.00 7" 20.00

885—**Ellen Noa x Prince Charles var. Negus**—Deep yellow, heavily marked with magenta. 2" 2.50
3" 5.00 4" 8.00 5" 10.00

886—**Prince Charles var. Burgundy x Manila**—A wine red to deepest pink. 2" 3.00 3" 6.00 4" 10.00

887—**Prince Charles x Coerules var. Fine**—Large blue to dark pink. Very long sprays. 4" 8.00 5" 10.00 6" 15.00

888—**Prince Charles x Ohuohu**—Deep pink-brown; large size. 3" 6.00
4" 8.50

GROUP V—Vanda Hybrids

New primary Sanderiana combinations. These will produce fine things that, once proven, will be put in Group I. They are a very safe buy.

889—**Kapoho x Sanderiana**—Yellows, browns; medium size. 1½" 1.50 3" 5.00 5" 10.00
2" 2.50 4" 8.50 6" 12.50

890—**Ilma Anderson (Lester McCoy x Sanderiana)**—Some fine things are flowering in this cross. However we are being conservative and not putting it in Group I until we see more flowers. Mostly blue to grey. 1½" 1.50 3" 6.00 5" 10.00
2" 3.00 4" 8.50 6" 15.00

891—**Sanderiana x Piihonua**—Very much like Sanderiana; dark colors. 7" 20.00

892—**Jill Walker x Sanderiana**—A medium size flower; blue to grey. 1½" 1.25 2" 2.50 3" 4.00

893—**Sanderiana x Tatrox**—A combination for great color possibilities. Unusual tones of greys, blues, smoky tones. 1½" 1.50 3" 6.00 5" 12.50
6" 15.00 7-8" 20.00

894—**Sanderiana x Roxburghii**—A primary hybrid that should have been made long ago. Greys predominate. 1½" 1.50 3" 6.00
2" 3.00 4" 8.50

895—**Annie S. Bishop x Sanderiana**—A new blue that should equal Rothschildiana. 1½" 1.50 2" 3.00 3" 6.00

896—**Evanita Midkiff x Sanderiana**—A very fine large pink. Excellent potential. Cp. 10.00
1½" 1.50

GROUP VI—Vanda Hybrids

Crosses involving a Sanderiana hybrid on one side of the parentage. Most of these crosses contain a hybrid as the other parent. Shapes and colors will be variable, but one can expect exceptional production in this group.

897—**Ruth O. Pratt (Herziana x Clara S. Fisher)**—Large flowers, good shape. Variable in color; pink, apricot, salmon, blue. 2" 2.50
3" 5.00

GROUP VI—VANDA HYBRIDS (Cont'd)

898—Emily Notley x Honolulu—Yellow to red-brown; some pink. Fine texture.	2"	2.50	
899—Sumatrana x Ellen Noa—Deep yellow to brown and mahogany.	1½"	1.25	
2" 2.50	3" 5.00	4" 7.50	
900—Trisher (Tricolor x Clara S. Fisher)—Very heavy production, browns and reds.	1½"	1.25	
	2"	2.50	
901—Puna x Ellen Noa—White to cream. Nice shape; good texture.	1½"	1.25	
	2"	2.50	
902—Tricolor x Henrietta Ho—Deep red-brown; heavy texture.	1½"	1.25	
	2" 2.50	3" 5.00	
903—Caroline Robinson x Rothschildiana—Beautiful grey blues. Heavy texture.	1½"	1.50	
2" 3.00	3" 6.00	4" 8.50	
904—Sumarex x Ellen Noa—Fine yellow to golden brown.	1½"	1.25	
	2" 2.50	3" 5.00	
905—Suavis x Ellen Noa—White to cream, with purple spots. Very heavy production.	2"	2.50	
	3"	5.00	
906—Ellen Noa x Insignis—Red-brown to deep orange-yellow.	1½"	1.25	
	2" 2.50	3" 5.00	
907—Luzonica x Mary Foster—Tan to red-brown and red-pink.	1½"	1.25	
	2" 2.50	3" 5.00	
908—Mem. T. Iwasaki x Manila—Salmon, apricot, deep rose, pink.	1½"	1.25	
	2" 2.50	3" 5.00	
909—Honolulu x Insignis—Deep rose to red-pink.	1½"	1.25	
	2" 2.50	3" 5.00	
910—Emily Notley x Mary Foster—Golden red and brown tones.	2"	2.50	
	3"	5.00	



No. 919—Vanda Profusion

911—Emily Notley x Henrietta Ho—Deep orange-yellow.	2"	2.50	3" 5.00	4" 7.50
912—Clara S. Fisher x Sumatrana—Heavy texture; pink-brown.	2"	2.50	3" 5.00	1½" 1.25
				4" 7.50
913—Caroline Robinson x Clara S. Fisher—Unusual colors; grey overtones on pinks.	2"	2.50	3" 5.00	4" 7.50
914—Amoena x Ellen Noa—Silver-greys and blues.	3"	5.00		4" 7.50
915—Blue Slate (Gilbert Triboulet x Rothschildiana)—A much improved type of V. Gilbert Triboulet. Principally blue; a few pink forms.	5"	10.00	6" 12.50	7" 15.00
916—Ellen Noa x Loke—Light yellow and white, spotted pink.	2"	2.50	3" 5.00	
4" 7.50	5" 10.00	6" 12.50		
917—Mary Foster x Dearei—Yellow-brown to red. Heavy texture.	2"	2.50	3" 5.00	4" 7.50
918—Dearei x Manila—Yellow with pink spotting.	2"	2.50		5" 10.00
919—Profusion (Suavis x Rothschildiana)—Terrific production of long spikes. Every color in the rainbow. A fine amateur hybrid.	2"	2.50	4" 7.50	6" 12.50
	3" 5.00	5" 10.00	7-8" 15.00	
920—Faye (Ellen Noa x Boschii)—A fine new hybrid. Some forms almost pure white, others white with small amounts of pink to yellow color.	2"	5.00	5" 10.00	7-8" 15.00
921—Boschii x Rothschildiana—Pinks and blues; very free flowering.	3"	5.00	4" 7.50	7-8" 15.00
922—Harvest Time (Dearei x Ellen Noa)—Clear yellow to rich golden brown.				7-8" 15.00
923—Rothschildiana x Emily Notley—Pink to yellow and grey-blue.	4"	7.50	5" 10.00	3" 5.00
				6" 12.50
924—Luzonica x Manila—White with dark magenta-pink spotting.	2"	2.50	3" 5.00	
4" 7.50	5" 10.00	6" 12.50		
925—Flammerole x Rothschildiana—A fine long-spiked blue; some pinks.	2"	2.50	3" 5.00	1½" 1.25
				4" 7.50
926—Kon-Tiki (Suavis x Tatzert)—Medium size. White to yellow, heavily spotted purple to pink.	2"	2.50	4" 7.50	1½" 1.25
3" 5.00	5" 10.00	7" 15.00		
927—Blue Sky (Amoena x Rothschildiana)—A lovely new blue of a nice clear shade.	1½"	1.25	2" 2.50	3" 5.00
	4" 7.50	5" 10.00		
928—Merrillii x Manila—Deep red-pink; medium size.	1½"	1.25	3" 5.00	5" 10.00
2" 2.50	4" 7.50	6-7" 12.50		
929—Beverly Ann Onouye (Manila x Flammerole)—Dark pink to blue. Good size.	2"	2.50	3" 5.00	1½" 1.25
				4" 7.50
930—Ellen Noa x Luzonica—White to cream, pink spotting.	1½"	1.25	3" 5.00	5" 10.00
2" 2.50	4" 7.50	6" 12.50		
931—Nancy Gross (Manila x Mem. C. Tanaka)—Salmon, apricot, unusual shades.	1½"	1.25	2" 2.50	3" 5.00
	4" 7.50	5" 10.00		

932—Ann Vaughan (Gilbert Triboulet x Ellen Noa)—Yellow to blue-flushed, and spotted darker blue. 3" 5.00
4" 7.50 5" 10.00 6" 12.50

933—Iwalani (Ellen Noa x Coerulea)—A fine large blue. Very nice thing.
1½" 1.25 3" 5.00 5" 10.00
2" 2.50 4" 7.50 6-7" 12.50

934—Burgeffii x Caroline Robinson—Unusual colors; deep red-pinks to grey-blues. 4" 7.50
5" 10.00

935—Emily Notley x Tatzteri—Medium size; red-brown. 1½" 1.25 3" 5.00 4" 7.50

936—Insignis x Manila—Deep red-pink. Cp. 10.00 1½" 1.25 2" 2.50

937—Caroline Robinson x Honolulu—Blue-grey to deep purple. 1½" 1.25
2" 2.50

938—Rose Davis (Rothschildiana x Coerulea)—A very large blue. A much improved type of V. Coerulea. 1½" 1.50 2" 3.00 3" 6.00

939—Herziana x Onomea—Pink to blue; very free flowering; large size. 1½" 1.25

940—Mem. T. Iwasaki x Mary Foster—Yellow-red to golden brown. Very free flowering. 2" 2.50
3" 5.00

942—Mary Foster x Insignis—Very dark red-brown; heavy texture. Cp. 10.00
1½" 1.25

943—Fair Queen x Insignis—A wide range of colors; very free flowering. Cp. 10.00
1½" 1.25

944—Kalihi Beauty x Walter Dillingham—Very clear colors; deep pink to rose. 1½" 1.25

945—Ellen Noa x Herziana—Very free flowering. The rainbow of colors. 1½" 1.25

946—Walter Dillingham x Tricolor var. Purpurea—Very dark red-purple. 1½" 1.50

947—Merrillii x Walter Dillingham—A fine companion cross to #946. 1½" 1.50

948—Tricolor x Ellen Noa—Yellow with red-brown spotting. 5" 10.00

949—Dearei x Ohuohu—A very promising hybrid of the Ellen Noa type. 3" 5.00

950—Ellen Noa x Roeblingiana—Brown to yellow. Large fimbriated lip. 1½" 1.25
2" 2.50

951—Burgeffii x Insignis—Deep red-pink. 1½" 1.25
2" 2.50

952—Flammerolle x Honolulu Noa's var.—Deep pink to blue. Large flower. Cp. 10.00

953—Lester McCoy x Clara S. Fisher—Very free flowering. Rainbow of colors. Cp. 10.00

954—Rothschildiana x Insignis—Very dark red-pink. Cp. 10.00

955—Frank Scudder x Manila—Many colors; large; free flowering. 3" 5.00
5" 10.00 6" 12.50 7-8" 15.00

956—Gilbert Triboulet x Clara S. Fisher—Exceptionally free flowering plant of the V. Profusion type. 3" 5.00 4" 7.50 5" 10.00
6" 12.50 7" 15.00

957—Clara S. Fisher x Dearei—Yellow with red spotting; nice shape. 7-8" 15.00

958—Mary Foster x Coerulea var. Empherian—A fine new blue; excellent shape; very free flowering. 1½" 1.50
2" 3.00 3" 6.00 4" 8.50

959—Mem. T. Iwasaki x Tatzteri—Very free flowering. Yellow-brown base with heavy red spotting. 1½" 1.25 2" 2.50 3" 5.00

960—Concolor x Tatzteri—Very heavy texture; dark red-brown. 3" 5.00
4" 7.50

961—Clara Shipman Fisher x Betsy Sumner—A clean-cut flower of the Fisher type. 1½" 1.25
2" 2.50

GROUP VII—Vanda Hybrids

These hybrids are being developed to produce exceedingly free flowering plants of easy culture. They make excellent pot plants, should be used to great advantage in outdoor landscaping for tropical regions, and best of all they flower almost continually. Flowers are smaller than the Sanderiana hybrids but much superior to the average species.

962—Mem. T. Iwasaki x Dennisoniana Deep Green var.—A good chartreuse green Vanda is a rarity indeed. We look for this cross to change that. 2" 3.00
3" 5.00 4" 8.00 5" 10.00

963—Tiny Tim (Trimeril x Tessalata)—A charming little Vanda that everyone will appreciate. Flowers continually. Yellow with red-brown spots. Flowering 12.50

964—Ann Maxine Bowman (Emily Notley x Merrillii)—Exceptional production. Deep red-brown 5" 10.00
3" 4.00 4" 7.50 Flowering 15.00
7" 12.50



Small Flowered Vandas as Offered in Group VII
(Nos. 962-990)

GROUP VII—VANDA HYBRIDS (Cont'd)

965—**Trimeril (Tricolor x Merrillii)**—Constantly in flower. Chinese lacquer red. Fragrant.

1½" 1.00	2" 2.00	3" 4.00
5" 10.00		Flowering 12.50

966—**Suavis x Flammerolle**—Pale blue to pink with darker spotting.

3" 4.00	4" 7.50	5" 10.00
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967—**Emily Notley x Coerulea**—A good blue. Very free flowering.

2" 2.50	3" 5.00
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968—**Gilbert Triboulet x Dearei**—Cream to yellow with blue to purple spotting.

1½" 1.00	2" 2.00
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969—**Tatrox x Sumatrana**—Unusual shades of grey-purple to red-brown.

2" 2.00	3" 4.00
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970—**Herziana x Gilbert Triboulet**—Two of the most free-flowering blues as parents.

1½" 1.00	2" 2.00
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971—**Suavis x Merrillii**—A Suavis with red instead of purple spots.

2" 2.00	3" 4.00	4" 6.00
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972—**Caroline Robinson x Flammerolle**—Deep grey-blues; heavy texture.

3" 4.00	4" 6.00
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973—**Emily Notley x Sumatrana**—Deepest red-brown and copper tones.

2" 2.50	3" 5.00	4" 7.50
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974—**Mem. T. Iwasaki x Emily Notley**—Yellow, heavily spotted red to purple.

2" 2.00	3" 4.00	4" 6.00
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975—**Amoena x Flammerolle**—Two excellent blues. Should be very free flowering.

1½" 1.25	2" 2.50	3" 5.00
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976—**Puna x Merrillii**—An ever-blooming Merrillii.

1½" 1.00	2" 2.00
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977—**Caroline Robinson x Sumatrana**—Very dark colors; brown-reds, unusual shades.

2" 2.50	3" 5.00	4" 7.50
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978—**Kapoho x Sumatrana**—A small flower. Yellow base with deep red markings. Long spikes.

2" 2.00	3" 4.00
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979—**Suavis x Limbata**—A very free flowering Suavis type.

7" 10.00

980—**Luzonica x Concolor**—An improved type of V. Concolor.

7" 10.00

981—**Emily Notley x Dearei**—Deep yellow-brown, red markings.

5" 7.50	6" 10.00	7" 12.50
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982—**Lester McCoy x Coerulea**—A fine large blue of the Coerulea type; long spikes.

5" 7.50	7" 12.50
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983—**Suavis x Luzonica**—A hybrid Suavis of continual production.

5" 7.50

984—**Puna x Coerulea**—A new blue of considerable promise in the Coerulea type.

1½" 1.25

985—**Gilbert Triboulet (Tricolor var. Planelabris x Coerulea var. Empherian)**—The most free-flowering blue ever produced. A remake from the two finest parents obtainable.

1½" 1.25	3" 5.00
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2" 2.50	4" 7.50
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986—**Frank Scudder x Coerulea**—A hybrid Coerulea very much superior to the species.

2" 2.50	3" 5.00
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987—**Frank Scudder (Mem. T. Iwasaki x Coerulea var. Empherian)**—A famous free-flowering blue remade from excellent parents.

1½" 1.25

2" 2.50

988—**Caroline Robinson x Kalihi Beauty**—A free-flowering Roxburghii type.

1½" 1.25

989—**Sumatrana x Merrillii**—Very dark red. Wax-like texture.

2" 2.50

3" 5.00

990—**Amoena x Sumatrana**—A very dark red-brown to purple.

Cp. 10.00

GROUP VIII—Vanda Hybrids

These crosses contain what we in the Islands call V. Batemanii. This is more correctly known botanically as Vandopsis Lissochiloides. The hybrids are characterized by large plants with heavy foliage, very long flower spikes, exceptional texture of the flowers. These are among the most spectacular display plants known. The generic name for this group is Opsisanda.

991—**Batemanii x Tatzeri**—Large flowers heavily spotted on red-brown base.

2" 3.00	4" 8.50	6" 12.50
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3" 6.00	5" 10.00	7" 15.00
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992—**Batemanii x Ellen Noa**—Yellow flushed rose-purple reverse side of flower. Most attractive.

1½" 1.50	2" 2.00	6" 20.00
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993—**Helen Miyamoto (Batemanii x Sanderiana)**—Yellow to tan, spotted darker. Very fine.

7" 20.00

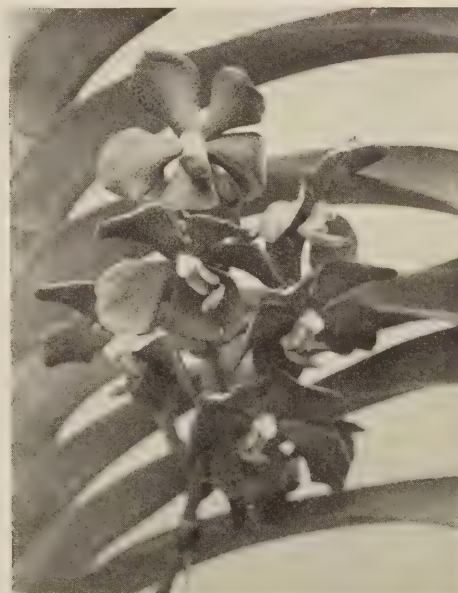
994—**Emily Notley x Batemanii**—Large yellow-brown flowers.

1½" 1.50	3" 6.00
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2" 3.00	4" 8.50
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995—**Batemanii x Clara S. Fisher**—Large flowers deep brown-red, spotted.

1½" 1.50	2" 3.00	3" 6.00
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Opsisanda Kimo Cardus

(Typical of the V. Batemanii Crosses Nos. 991-1004)

996—Diane Yoshida (Paki x Batemanii)—A lovely new hybrid. Deep yellow with dark purple on reverse side; occasionally marked and spotted deep purple. Plants flower when very small.

4" 7.50 6" 12.50 7-8" 15.00 3" 5.00

997—Suavis x Batemanii—White to cream background, deep purple spotting.

3" 5.00
7" 12.50

998—Batemanii x Lena Rowold—Deep red to bronze with gold flush.

1½" 1.50

999—Mary Foster x Batemanii—Dark golden brown. Very fine.

1½" 1.50
2" 3.00

1000—Kapoho x Batemanii—Very dark yellow, similar to #996.

2" 2.50

1001—Batemanii x Manila—Deep purple to red-pink, flushed gold.

6" 15.00

1002—Boschii x Batemanii—Similar to #1001, slightly smaller flowers.

1½" 1.50
3" 5.00

1003—Batemanii x Renanthera Monachica—A new cross of fine promise due to its dwarf habit. Orange to yellow, spotted dark purple.

1½" 1.50 2" 3.00 3" 6.00

1004—Batemanii—The species itself. A fine collectors' item. Long spikes; heavy texture; yellow, red, purple. Needs lots of room as the plants are very large.

7" 15.00
10" 20.00

GROUP IX—Vanda Hybrids

A new section we are offering for the first time. Our parent is Vandopsis Gigantea, a very spectacular orchid. Flowers will be similar to Group VIII but more dwarf in habit.

1005—Ellen Noa x Vandopsis Gigantea—Deep yellow, marked purple.

1½" 1.50

1006—Sanderiana x Vandopsis Gigantea—Similar to #993. Better growth habit.

1½" 1.50

1007—Rothschildiana x Vandopsis Gigantea—Deep purple-red to magenta.

1½" 1.50

1008—Ren. Storiei x Vandopsis Gigantea—Deep blood red.

1½" 1.50

GROUP X—Vanda Hybrids

Hybrids involving crosses between Renanthera and Vanda. These have giant sprays of flowers. Renanthera-like in shape but much larger. They have heavy texture and are long lasting, beautiful subjects.

1009—Pink Shell (Herziana x Ren. Monachica)—A lovely shell pink flower. Dwarf habit.

2" 3.00 3" 6.00 7" 20.00

1010—Tatzeri x Ren. Storiei—Very similar to the popular Ren. Jack Warne.

1½" 1.50 3" 6.00 5" 12.50
2" 3.00 4" 8.50 7" 20.00

1011—Jack Warne (Ren. Storiei x V. Sanderiana)—Truly one of the finest hybrids in existence. Large salmon-red flowers; enormous sprays.

Cp. 15.00 1½" 2.00 2" 4.00

1012—Flammerolle x Ren. Storiei—Rich fuchsia-purple to red.

3" 6.00 1½" 1.50 2" 3.00 5" 10.00 7" 15.00

1013—Mem. C. Tanaka x Ren. Storiei—Deep blood red.

1½" 1.50 2" 3.00 3" 6.00 5" 10.00 7" 15.00



No. 1011—Renantanda Jack Warne

1014—Emily Notley x Ren. Storiei—Deep red to orange-red.

1½" 1.25 3" 5.00 5" 10.00
2" 2.50 4" 8.00 6" 15.00
7-8" 20.00

1015—Manila x Ren. Storiei—A deep, rich red of very large size.

1½" 1.50 3" 6.00 Cp. 10.00
2" 3.00 4" 8.50 5" 10.00
6" 15.00

1016—Amoena x Ren. Storiei—Very deep purple-red. Fine grower.

2" 2.50 3" 5.00 4" 7.50
5" 10.00 12" 20.00

1017—Ren. Storiei x V. Purpurea—The darkest red color possible; fine large spikes.

5" 15.00 6" 17.50 7" 20.00 4" 12.50

1018—Lena Rowold (Ren. Storiei x V. Batemanii)—Giant sprays of intense blood red flowers. Heavy texture, long lasting.

1½" 1.50 3" 6.00 7" 15.00
2" 3.00 4" 8.50 8" 20.00

1019—Ren. Storiei x Rothschildiana—Recently flowered, Equally good to Jack Warne.

2" 3.00 3" 6.00 5" 10.00

1020—Donald McIntyre (Ren. Storiei x Clara S. Fisher)—Deep red flowers; large branched spikes.

1½" 1.50 2" 3.00 3" 6.00
4" 8.50 6" 15.00

1021—Ren. Storiei x V. Dearei—Large size brick-red to salmon color.

1½" 1.50

1022—Ellen Noa x Renantheropsis Lena Rowold—Very large salmon-red flowers.

2" 3.00
3" 6.00

1023—Judy Dean (Suavis x Ren. Storiei)—Red-orange flowers. Good spikes. Very free flowering.

1½" 1.50 2" 3.00 7" 15.00

1024—Ren. Storiei x Coerulea—Deep purple-red. Very fine.

5" 15.00

1025—Ren. Storiei x Limbata—Salmon to brick-red. Large spikes.

7" 20.00

1026—Lynn Andrade (Merrillii x Ren. Storiei)—Deep red. Very dark in color. Large spikes.

7" 17.50



No. 1030—*Vanda Sanderiana*



No. 1042—Vanda Merv. L. Velthius

GROUP XIII—SEMI-TERETE VANDAS (Cont'd)

- 1053—Ellen Noa x Hookeriana—Very free flowering pink with darker spots. 12-18" top cutting 5.00
- 1054—Mauna Kea (Mem. C. Tanaka x Teres Alba)—Pale cream to white. Lovely large flower. 12-18" top cutting 12.50
- 1055—Herziana x La Paloma—Dark lavender to purple-pink. 1½" 1.25
2" 2.50

1056—Thelma Beaumont (Concolor x Agnes Joaquim)—Apricot to copper-salmon, yellow lip. 12-18" top cutting 10.00

1057—Dorothy Warne (Suavis x Hookeriana)—Pastel pink with red-lavender spots. 12-18" top cutting 7.50

1058—Rainbow (Cooperii x Sanderiana)—Large flat flowers. Pastel pink, dark red lip. 12-18" top cutting 12.50

GROUP XIV—Terete Vandas

These are strictly tropical plants. They must have full sunlight and outside conditions to flower well. They are not suitable to culture under glass.

1059—Agnes Joaquim (Teres x Hookeriana)—The most free flowering of all. Lovely lavender-pink flowers.

18" top cutting ea. .75
6 for 3.50
12 for 5.00

1060—Agnes Joaquim Atherton var.—Much larger and darker in color. 18" top cutting ea. 3.50

1061—Agnes Joaquim var. Hula Girl—A new selection. Very round shape. Dark purple lip, finely spotted. Large flower. 18" top cutting ea. 4.00

1062—Amy (Tricuspidata x Hookeriana)—Lavender pink. Curious trilobed lip. 18" top cutting ea. 2.50

1063—La Paloma Alba (Rose Marie x Teres Alba)—Very fine pure white. 18" top cutting ea. 5.00

1064—Andre Segovia (Agnes Joaquim x Tricuspidata)—Lavender rose; trilobed lip. 18" top cutting ea. 2.50

1065—Cooperii (Joaquim x Hookeriana)—Lavender with a beautiful spotted lip. 18" top cutting ea. 1.00

1066—Kobber Kane (Joaquim x Spatulata)—Cream-yellow to apricot. 18" top cutting ea. 5.00

1067—Poepoe (Cooperii x Teres Gigantea)—Very large, perfect shape. Pastel lavender. 18" top cutting ea. 2.50



No. 1066—Vanda Kobber Kane

MINIATURE ORCHIDS



These exciting little fellows have started to come into their own. True you can't use the flowers for a corsage, but what fun to have one alongside of one of his big brothers for comparison. Have your friends say, "You mean that is an orchid too!! I don't believe it!" Then you can put that smug look on your face and say, "Yup, sure is. You see the orchid family is one of the biggest, most diverse, most etc., most etc., etc., etc." At last you can use all that stuff you have been storing away in the back of your head while you have spent the winter reading. What a conversation topic to start and you can be the star. Don't forget the use of orchids as a decorative object in the home. They display as miniatures beautifully.

Culture—These little fellows are just as easy to grow as any other orchid. Just remember they are babies and need little pots, less to eat, less water, less everything; but, like a baby, they need it more often.

- 1074—*Epidendrum Polybulbon*—Cute little pseudobulbs, each bearing a white-cream, star-like flower. **On logs 3.50**
- 1075—*Pleurothallis Species*—The flower on this one is so small you need a magnifying glass to see it. Brick red in color. **On logs 3.50**
- 1076—*Sophranitis Cernua*—Lovely little salmon Cattleya-like flowers. **On logs 7.50**
- 1077—*Epidendrum Schlechterianum*—A most stylish little plant with olive-green flowers. **On logs 5.00**
- 1078—*Epidendrum Species*—A cute little pseudobulbous type with straw-yellow flowers the size of a dime. **On logs 3.50**
- 1079—*Platyclinnis Filiiformis*—That beautiful little golden chain orchid. **4" 10.00**
- 1080—*Oncidium Cheiroporum*—Lovely little bright yellow flowers. **3" 5.00**
- 1081—*Dendrobium Caniniculatum*—Good upright spikes of cream-white flowers, purple lip. **3½" 7.50**
- 1082—*Cypripedium Concolor*—Lovely yellow flowers; tessellated foliage. **3" 7.50**
- 1083—*Vanda Venus (Paki x Sanderiana)*—While not as small as some, a really dwarf Vanda. Brown-red lip. **3" 5.00 4" 7.50 5" 10.00**
- 1084—*Vanda Kalalau (Paki x Ellen Noa)*—Like #1083. Lovely yellow flowers. **3" 5.00 4" 7.50**
- 1085—*Cyrtorchis Pratermisia*—A vanda-like plant with lovely little sprays of white flowers. **On logs 12.50**
- 1086—One of each of the 12 varieties; a \$72.00 value for 12 plants **65.00**



Orchids on the Patio

ORCHID GARDENS

We realize that in the majority of cases, particularly in temperate regions, orchids are still considered as pot plants that must be grown like soldiers at attention standing on a greenhouse bench. Have you ever stopped to consider how old-fashioned this idea is? We are happy to hear reports that in many regions orchid plants are now being used in a much more natural setting. To stimulate your imagination we devote this section to this purpose.

Why not create a living home for your plants that both they and you will enjoy to the maximum?

Greenhouses:

The old idea of hiding a greenhouse somewhere on the property so that it can't be seen is at long last going home where it belongs. Orchids can be advantageously handled in a greenhouse without benches. Create a natural setting of rocks and other foliage plants so that your plants, growing in pots, may be

placed effectively in the whole mass. Use bare walls to hang plants growing on logs and rafts or baskets. Hang plants from the support poles. During 1954 we will accept photographs showing what you have done on this subject. At the end of the year we will give one dozen flowering-size plants of assorted genera to the winner. Why not have some fun and see what you can do? Send us photographic evidence.

Gardens:

In any region where outside temperatures allow open culture, an orchid garden may be created. Plants can be mounted on trees, grown in pots placed in the garden, grown in well-drained beds of rocks and organic fibre, trained against poles or walls. Can't you just see that spot in your garden brightened with growing orchids? We make the same offer as in the preceding paragraph: One dozen mature plants free at the end of 1954 to the best photographic evidence of an orchid garden submitted to us.

1068—**Dendrobium Hybrids for the garden.** Mature plants of our selection. ea. 7.50

3 for 20.00 6 for 30.00 12 for 40.00

1069—**Cattleyas for the garden.** Mature plants of our selection. ea. 5.00

3 for 12.50 6 for 20.00 12 for 36.00

1070—**Strap-leaf Vanda hybrids.** Mature plants of our selection. ea. 7.50

3 for 20.00 6 for 30.00 12 for 40.00

1071—**Reed stem Epidendrum hybrids.** Assorted colors of our selection. ea. 1.50

3 for 4.00 6 for 6.50 12 for 12.00

1072—**Assorted species—No two alike.** Mature plants.

3 for 15.00 6 for 25.00 12 for 36.00

1073—**You tell us** what you want to do, what kind of plants you want for the garden, what color scheme. We will give you a 10% discount on our selection. Write for help. Our answer by return mail.



An Orchid Garden



No. 1089—*Anthurium Scandens*
(Trailing Anthurium)

HAWAIIAN ANTHURIUM HYBRIDS



No. 1087—*Anthurium Andreanum* Hybrid

1087—*Anthurium Andreanum* Hybrids

These plants do well with orchids in the glass house. They require 50% shade, lots of water and fertilizer (see our special Anthurium fertilizer) and the warmest part of the orchid house. They flower out of each leaf and the flowers last in perfection for weeks on the plant. They also make excellent cut flowers. Pot in old osmunda or Hawaiian tree fern. Wrap the stem with moss as it grows up in the air to provide something for the aerial roots to cling to. Colors: blood red, pink, pale pink, and orange.

Flowering size 1.50 Medium size 4.00 Large size 6.00

1088—*Anthurium Andreanum*—Pure white varieties.

Flowering size 2.00 Medium size 4.00 Large size 6.00

1089—*Anthurium Scandens* (Trailing Anthurium)—A beautiful pot-plant with pearly white seed pods of great charm. Will trail up a totem pole or make beautiful hanging baskets.

6" 3.50

1090—*Anthurium Crassinervium*—A lovely foliage variety. Like the self-heading Philodendrons. Large bright green leaves.

5" 2.50

7" 5.00



ORCHID SUPPLIES

Most people have good sources of supplies close to home. However, many of our customers write that they can't get this or that. Hawaii, being the Orchid Capital of the world, has the best. Every item is of the highest quality to be found at the right price. Prices quoted, except for tree fern (fernwood) products, include prepayment of parcel post charges to any point in the United States. On foreign orders, estimate the postage from the weights given in our list and add this amount to the quoted price. Fernwood products are quoted F.O.B. Los Angeles, Calif., or Honolulu, Hawaii, whichever is nearer the delivery point.

POTTING MATERIALS (F.O.B. Los Angeles or Honolulu)

FERNWOOD FIBRE (Shredded Hawaiian tree fern), packed in bags of 1.6 cu. ft. capacity.

1091 Coarse, not screened	3.30 per bag
1092 Coarse, screened	3.90 per bag
1093 Medium, screened	4.50 per bag
1094 Fine, screened	3.60 per bag

FERNWOOD CUBE PLANTERS

1095 3" x 3"	15c ea.
1096 4" x 4"	25c ea.
1097 5" x 5"	40c ea.

FERNWOOD JARDINIERS—Natural designs, overall size.

1098 8"	2.00 ea.	1100 12"	3.50 ea.
1099 10"	2.75 ea.	1101 14"	5.50 ea.

FERNWOOD TOILEM POLES

1102	2" x 2" x 18"	30c ea.; 12 for 3.25; 36 for 8.25
1103	2" x 2" x 24"	45c ea.; 12 for 5.00; 36 for 12.50
1104	2" x 2" x 36"	75c ea.; 12 for 8.40; 36 for 16.00
1105	3" x 3" x 48"	1.75 ea.; 9 for 14.00
1106	4" x 4" x 60"	4.00 ea.; 4 for 15.00

FERNWOOD SLABBING

1107	2" x 4" x 24"	80c ea.; 6 for 4.00
1108	2" x 6" x 24"	1.25 ea.; 6 for 6.25
1109	2" x 8" x 24"	1.75 ea.; 6 for 8.75
1110	2" x 10" x 24"	2.25 ea.; 6 for 11.25
1111	2" x 12" x 24"	2.75 ea.; 6 for 13.75
1112	3/4" x 4" x 24"	50c ea.; 12 for 5.00
1113	3/4" x 6" x 24"	70c ea.; 12 for 7.00
1114	3/4" x 8" x 24"	90c ea.; 12 for 9.00

SUPPLIES (Postpaid in the U.S.)

1115—**Hozon**—An applicator for easy handling of fertilizers, metaldehyde, insecticides and fungicides with ordinary garden hose. (Shipping weight, 6 oz.) **2.35 ea.**

1116—**Plastic Labels**—Colors: green, yellow, white. (Shipping weight, 3 oz.)

Large, 4" x 5/8"; 100 for 1.50

Small, 3 1/2" x 1/2"; 100 for 1.25

1117—**Aluminum Labels**—Easily written on with a regular pencil; permanent. (Shipping weight, 2 oz.)

Tree type, 100 for 75c

Stick-in type, 100 for 75c

1118—**Insect-O-Gun**—A perfect sprayer for applying insecticides under pressure. Uses regular garden hose and water faucet. Makes spraying a pleasure. (Shipping weight, 3 lbs.) **6.75 ea.**

1119—**Corona Pruning Shears**—Just the right size for orchid growing; either curved or straight blade. (Shipping weight, 7 oz.) **2.50 ea., straight; 2.70 ea., curved**

1120—**Green Thumb Gloves**—Dirt repellent, washable, long-wearing. As soft inside as a baby's skin. Sizes: small, medium, large. (Shipping weight, 4 oz.) **1.25 per pair**

FERTILIZERS AND INSECTICIDES (Postpaid in the U.S.)

1121—**Gaviota Fertilizer**—The perfect inorganic food. Water soluble. Complete directions on the can. (Shipping weight: 2 lbs. for 1-lb. can; 6 lbs. for 5-lb. can.) **1-lb. can 1.50**
5-lb. can 4.50

1122—**Gaviota Anthurium Fertilizer**—The perfect organic food for either orchids or anthuriums. Apply 1 tablespoon around the top surface once every six weeks. (Shipping weight: 6 lbs. for 5-lb. package; 11 lbs. for 10-lb. package.) **5-lb. package 2.30**
10-lb. package 3.90

1123—**Gaviota Metaldehyde 50**—The perfect snail control. Directions for use on the can. (Shipping weight, 2 lbs.) **1-lb. can 1.95**

1124—**Chemtox 25% DDT Orchid and Anthurium Spray**—The best all-purpose insecticide. Directions on the bottle. (Shipping weight, 3 lbs.) **1-pint bottle 2.50**

INSTRUCTIONS FOR ORDERING

Terms are cash with order, no C.O.D. Remit only the amount of the purchase price of the plants. We will bill the transportation costs to you when they have been determined after shipment.

Discounts—We do not have any wholesale price list. Instead we offer substantial quantity discounts in the belief that this policy is more equitable to all buyers. Orders totaling \$249.00 or less are sold at full retail list as quoted herein. Orders for larger amounts carry discounts as follows: \$250.00 to \$499.00, discount 10 per cent; \$500.00 to \$749.00, discount 20 per cent; \$750.00 to \$999.00, discount 25 per cent; \$1000.00 and over, discount 33⅓ per cent. These discounts apply only to stock which we catalog, and are not applicable to special quotations, or selected plants on special quotation.

Shipping—Plants are shipped out of pots.

Advise whether or not we may substitute size and variety in the event we are out of stock.

There is no packing charge.

Ordering—List the name or the number of the plant.

No import permits are required for entry into continental United States. Foreign countries, please check your requirements.

Remember, we guarantee satisfaction. If anything about your shipment is unsatisfactory, PLEASE write to us. We will cheerfully correct it.

All plants are offered subject to prior sale. Wm. Kirch—Orchids, Ltd., in no way guarantees the crop produced by these plants as such conditions are beyond our control. In the event of a claim, our liability is limited to the purchase price. This list cancels all previous quotations.

WM. KIRCH—ORCHIDS, LTD.

732 Kapahulu Avenue — Honolulu 16, Hawaii

